Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022597.D
Acq On : 10 Nov 2022 12:29
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 10 23:12:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:09:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	2144	0.400	ng		0.00
7) Naphthalene-d8	10.720	136	5869	0.400	ng		0.00
13) Acenaphthene-d10	14.568	164	3480	0.400	ng		0.00
19) Phenanthrene-d10	17.325	188	6923	0.400	ng		0.00
29) Chrysene-d12	21.537	240	6069	0.400	ng		0.00
35) Perylene-d12	23.979	264	5300	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.443	112	28346	4.682	ng		0.00
5) Phenol-d6	7.083	99	37219	4.877	ng		0.00
8) Nitrobenzene-d5	9.065	82	30434	5.739	ng		-0.01
11) 2-Methylnaphthalene-d10	12.315	152	49517	5.026	ng		0.00
14) 2,4,6-Tribromophenol	16.071	330	9592	5.250	ng		0.00
15) 2-Fluorobiphenyl	13.188	172	71734	4.947	ng		-0.01
27) Fluoranthene-d10	19.373	212	101245	5.353	ng		0.00
31) Terphenyl-d14	19.972	244	94756	5.010	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	13512	4.193	ng		98
3) n-Nitrosodimethylamine	3.580	42	14914	4.460	ng	#	98
6) bis(2-Chloroethyl)ether	7.314	93	32650	4.778	ng		99
9) Naphthalene	10.763	128	87890	4.943	ng		98
10) Hexachlorobutadiene	11.051	225	15842	5.165	ng	#	99
12) 2-Methylnaphthalene	12.047	142	21138	4.996	ng	#	79
16) Acenaphthylene	14.290	152	92257	5.223	ng		100
17) Acenaphthene	14.632	154	57666	5.066	ng		98
18) Fluorene	15.626	166	77204	4.839	ng		96
20) 4,6-Dinitro-2-methylph...	15.711	198	7340	6.486	ng	#	65
21) 4-Bromophenyl-phenylether	16.518	248	21605	5.053	ng		93
22) Hexachlorobenzene	16.630	284	24236	4.960	ng		99
23) Atrazine	16.791	200	19366	5.029	ng		94
24) Pentachlorophenol	16.990	266	11198	6.066	ng		95
25) Phenanthrene	17.375	178	116572	5.038	ng		99
26) Anthracene	17.462	178	105686	5.191	ng		100
28) Fluoranthene	19.403	202	127683	5.120	ng		99
30) Pyrene	19.765	202	128567	4.906	ng		100
32) Benzo(a)anthracene	21.519	228	117455	4.813	ng		97
33) Chrysene	21.573	228	116895	4.836	ng		98
34) Bis(2-ethylhexyl)phtha...	21.439	149	70161	3.412	ng		99
36) Indeno(1,2,3-cd)pyrene	26.525	276	129406	5.071	ng		99
37) Benzo(b)fluoranthene	23.227	252	111782	5.364	ng	#	89
38) Benzo(k)fluoranthene	23.274	252	113176	5.326	ng	#	90
39) Benzo(a)pyrene	23.865	252	91497	5.126	ng	#	81
40) Dibenzo(a,h)anthracene	26.546	278	104502	5.148	ng	#	91
41) Benzo(g,h,i)perylene	27.315	276	106839	4.954	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
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Operator : CG/JU
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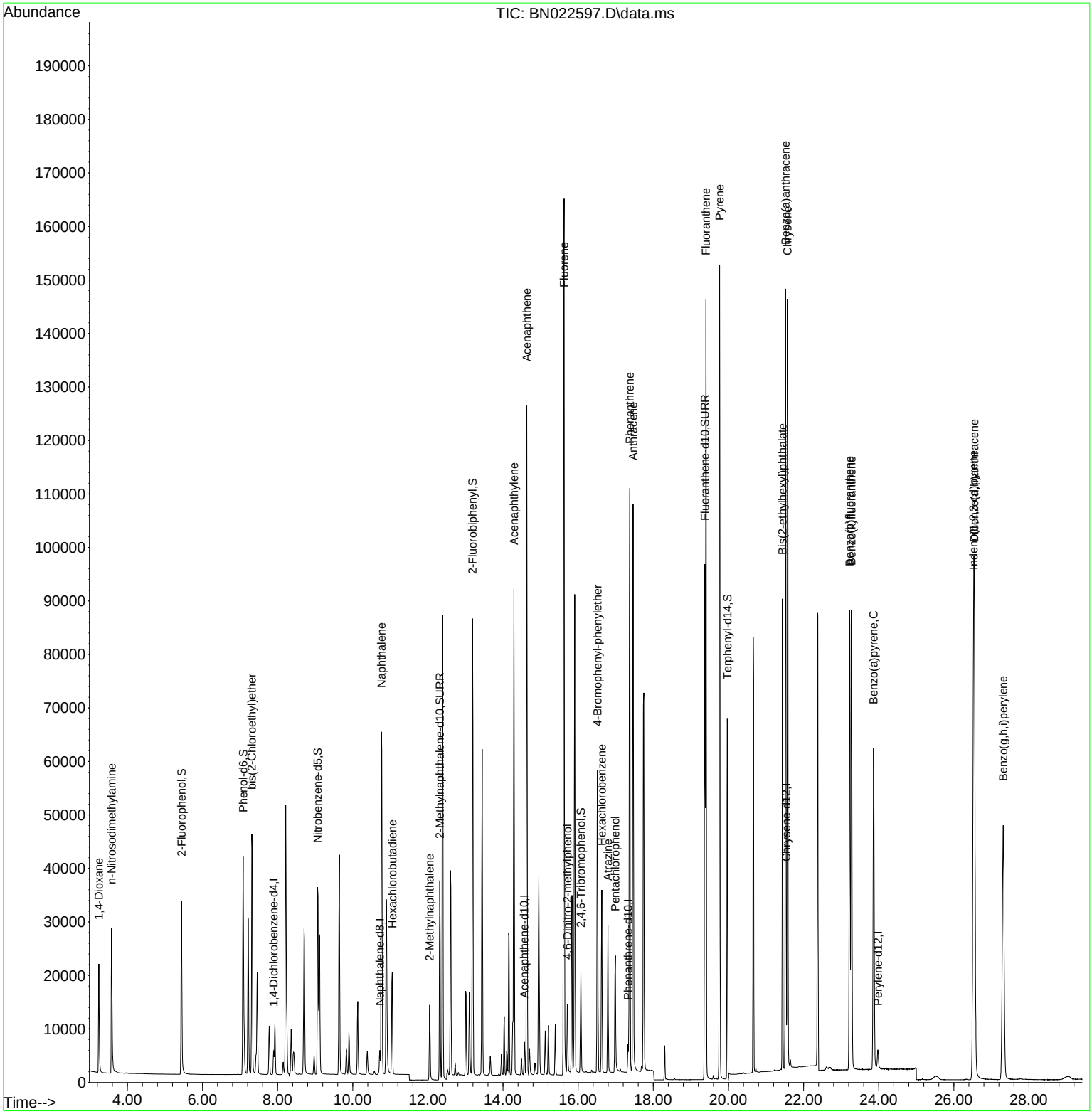
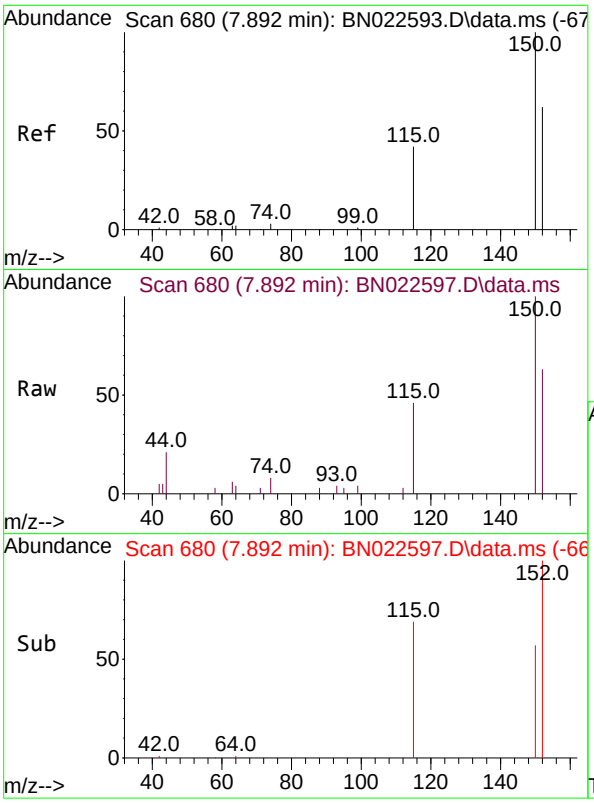
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 10 23:12:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:09:20 2022
Response via : Initial Calibration



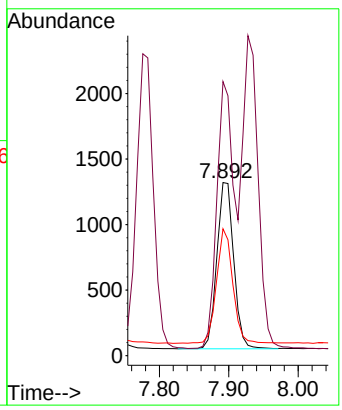


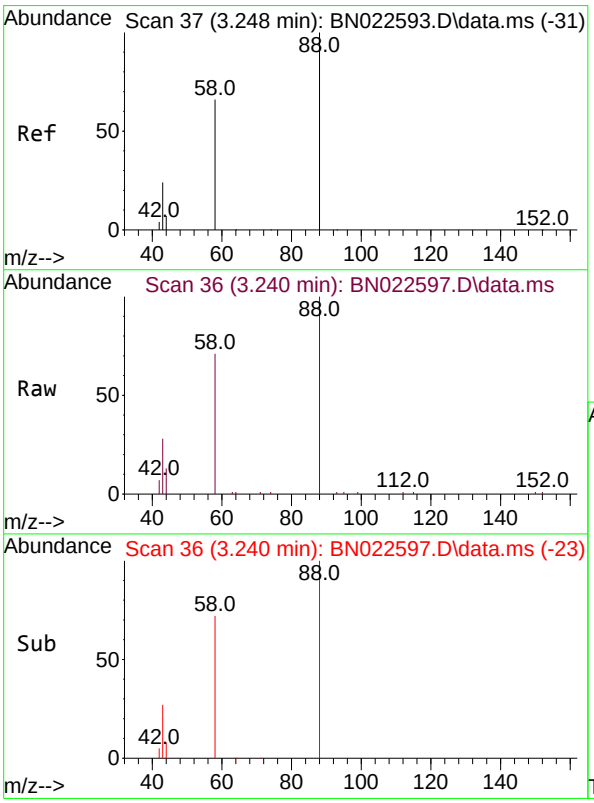
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.892 min Scan# 68
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 2144

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.4	189.6
115	73.3	57.8	86.6

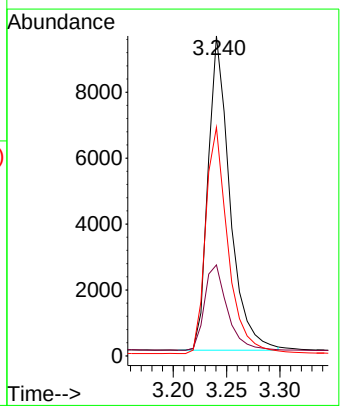


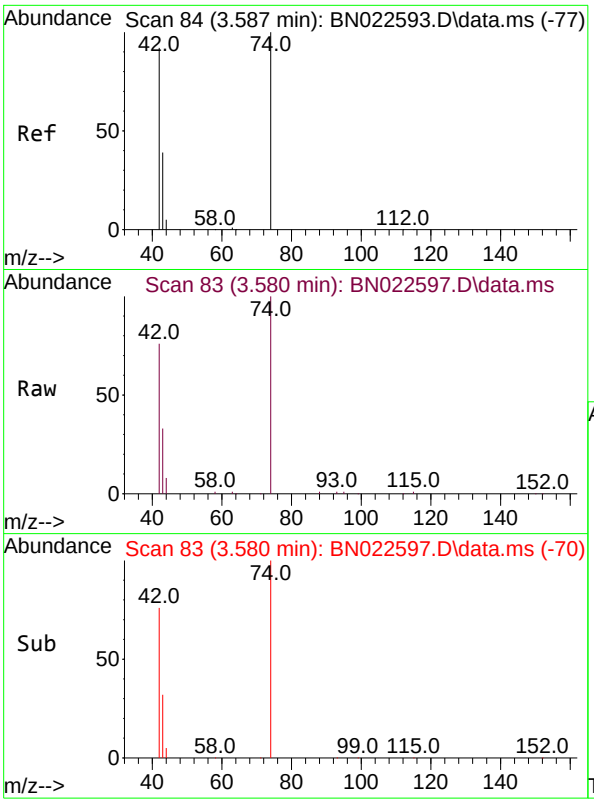


#2
1,4-Dioxane
Concen: 4.193 ng
RT: 3.240 min Scan# 36
Delta R.T. -0.007 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion: 88 Resp: 13512

Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.0	33.0
58	73.4	60.5	90.7



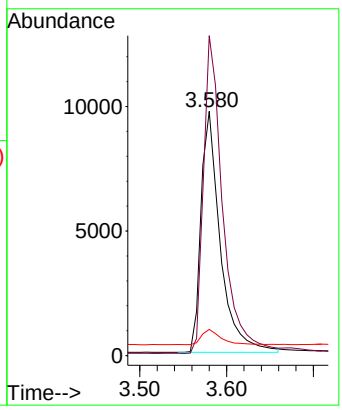


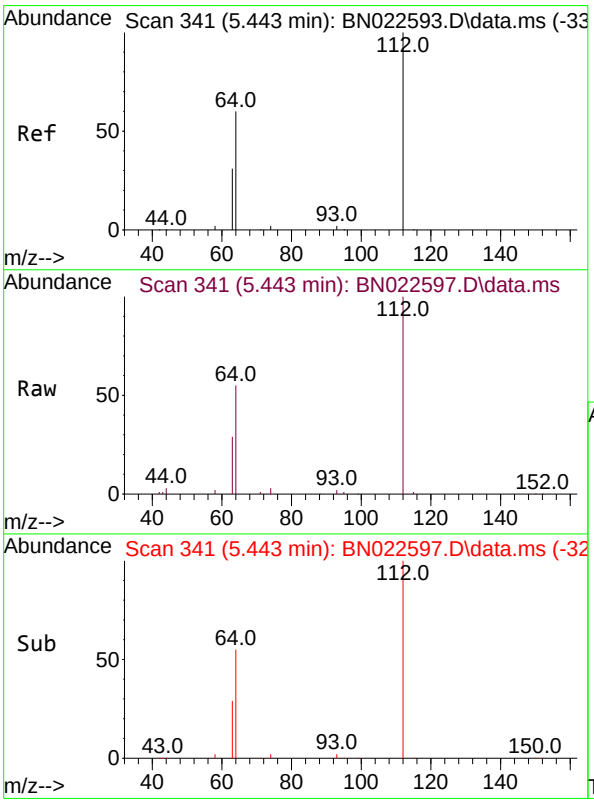
#3
n-Nitrosodimethylamine
Concen: 4.460 ng
RT: 3.580 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 14914

Ion	Ratio	Lower	Upper
42	100		
74	132.4	104.5	156.7
44	6.4	7.4	11.2#

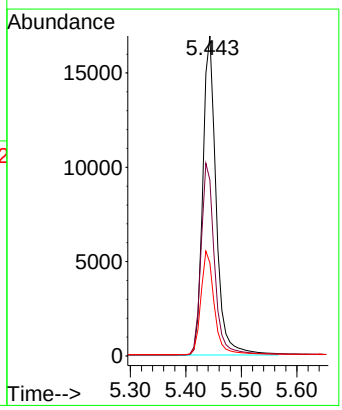


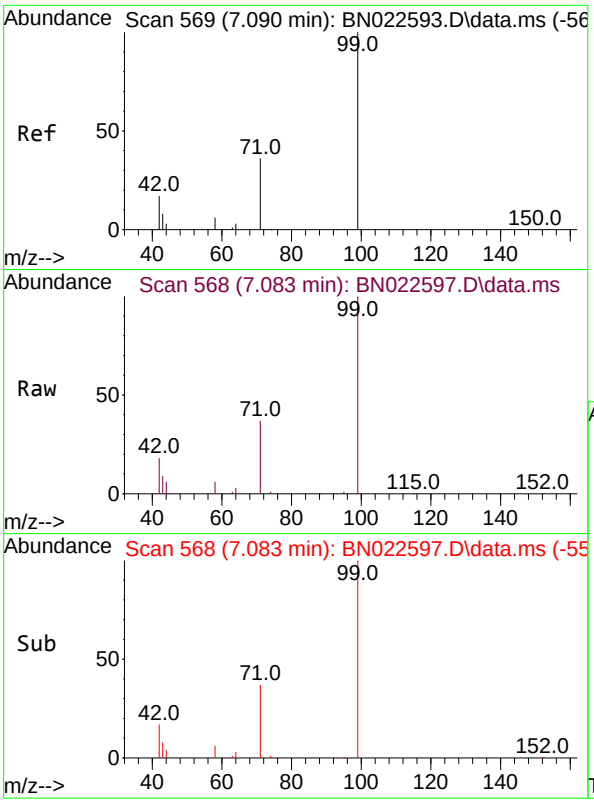


#4
2-Fluorophenol
Concen: 4.682 ng
RT: 5.443 min Scan# 341
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:112 Resp: 28346

Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.6	73.0
63	32.5	25.5	38.3



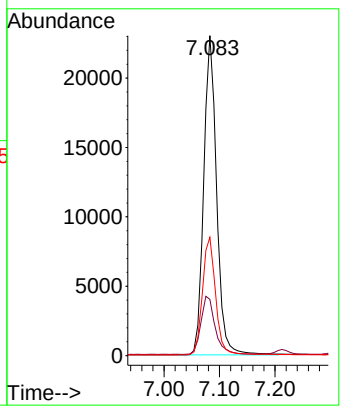


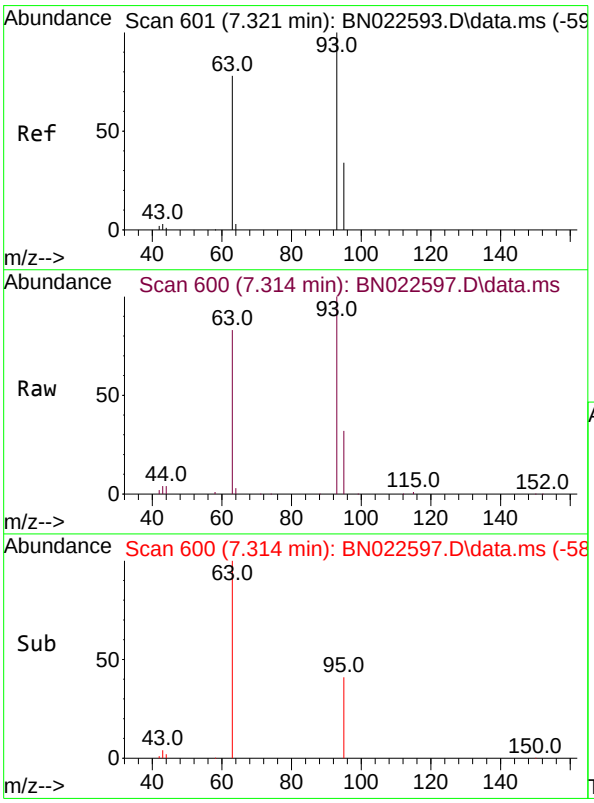
#5
Phenol-d6
Concen: 4.877 ng
RT: 7.083 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 37219

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.0	24.0
71	37.5	30.1	45.1

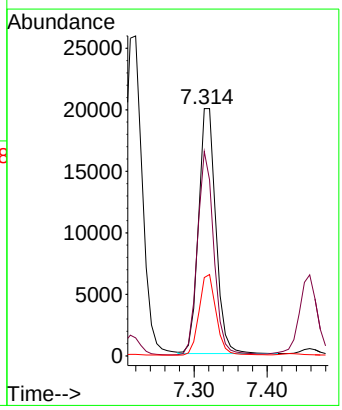


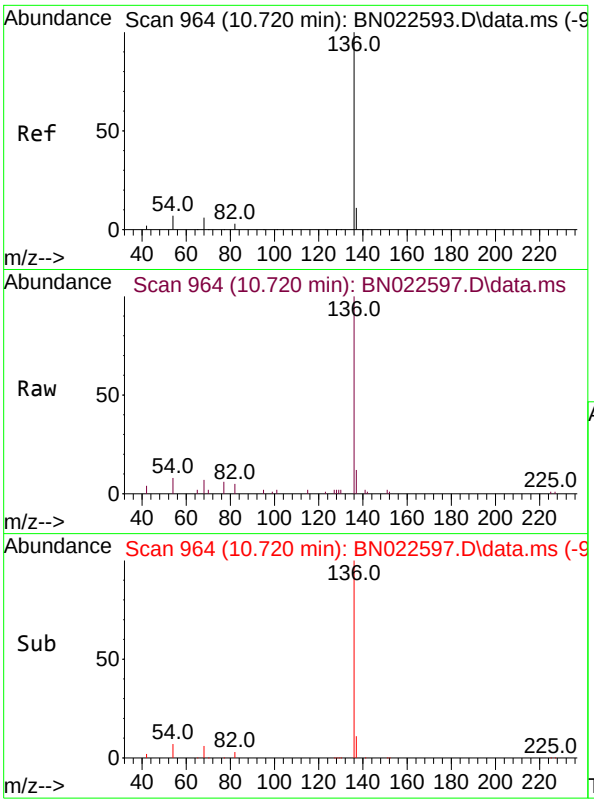


#6
bis(2-Chloroethyl)ether
Concen: 4.778 ng
RT: 7.314 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion: 93 Resp: 32650

Ion	Ratio	Lower	Upper
93	100		
63	79.0	63.4	95.0
95	32.6	27.2	40.8



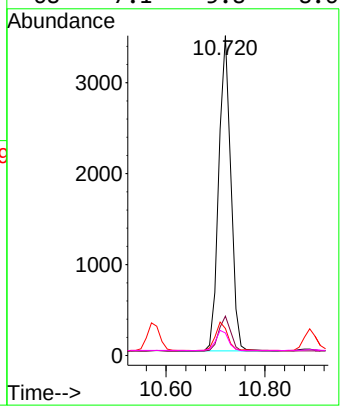


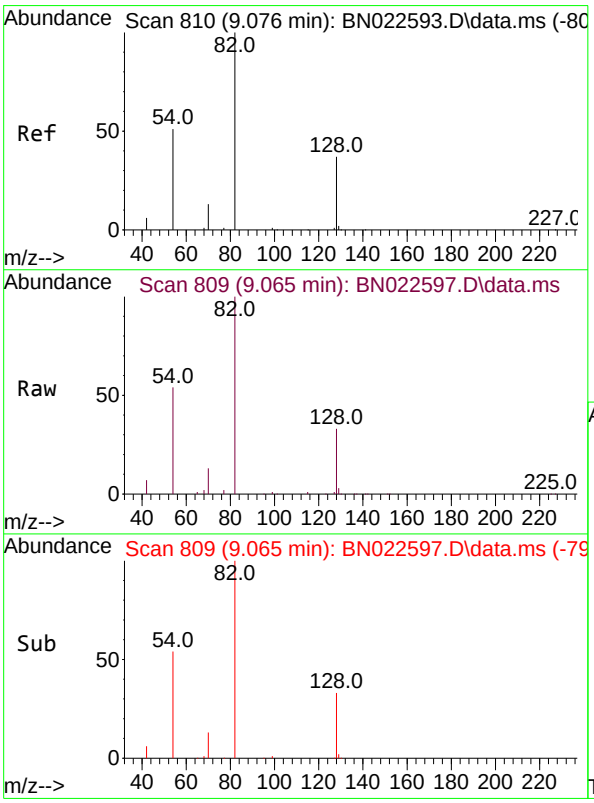
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.720 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 5869

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.2
54	8.4	7.1	10.7
68	7.1	5.8	8.6

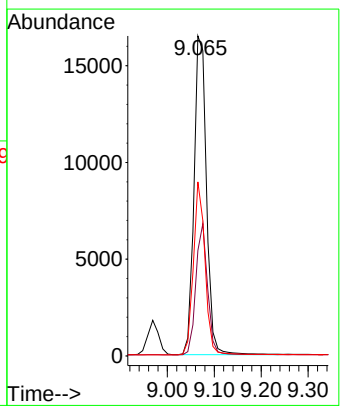


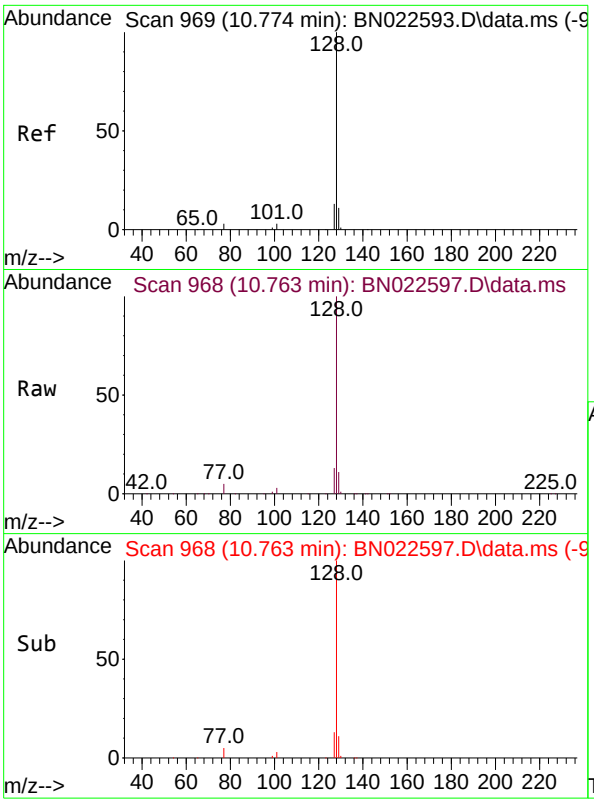


#8
Nitrobenzene-d5
Concen: 5.739 ng
RT: 9.065 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion: 82 Resp: 30434

Ion	Ratio	Lower	Upper
82	100		
128	32.9	32.0	48.0
54	54.4	42.3	63.5



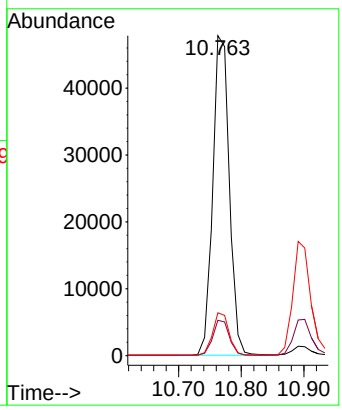


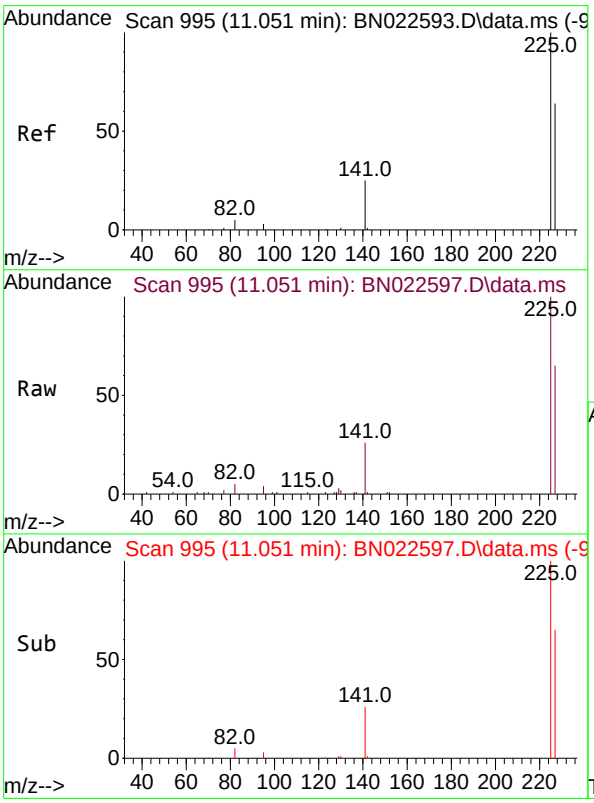
#9
Naphthalene
Concen: 4.943 ng
RT: 10.763 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 87890

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.4	11.2	16.8

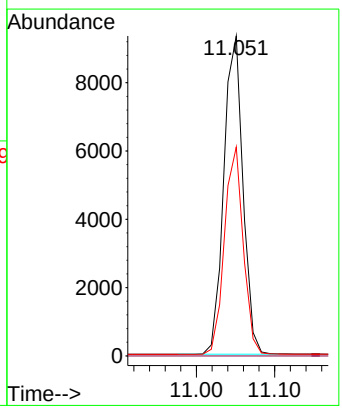


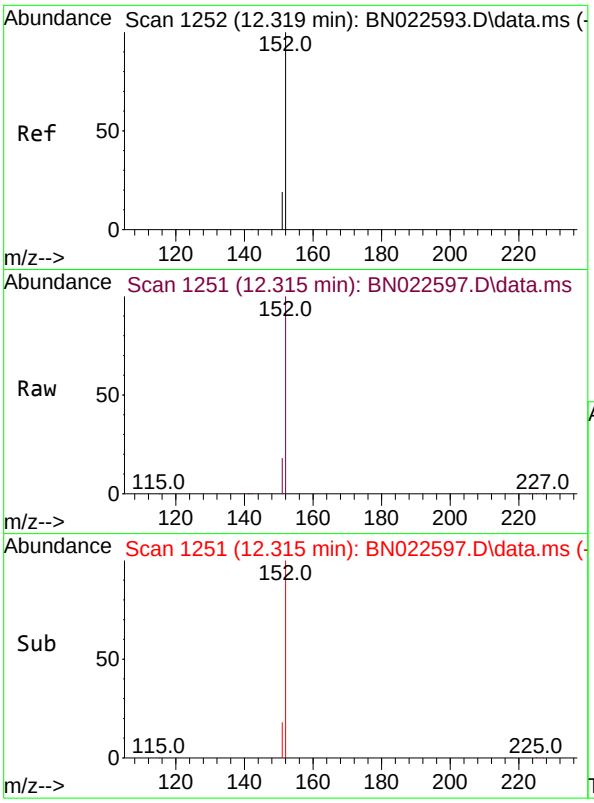


#10
Hexachlorobutadiene
Concen: 5.165 ng
RT: 11.051 min Scan# 995
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:225 Resp: 15842

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.8	76.2



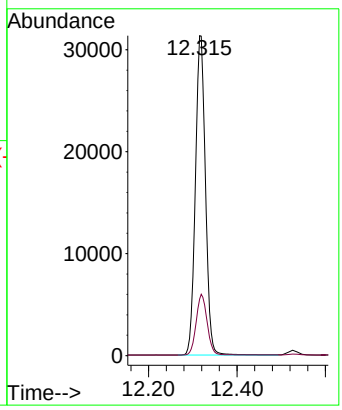


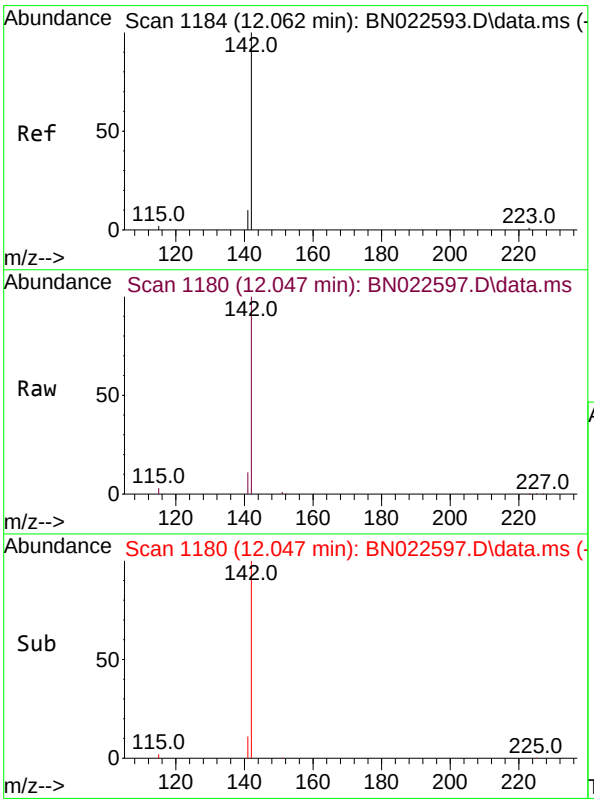
#11
2-Methylnaphthalene-d10
Concen: 5.026 ng
RT: 12.315 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 49517

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5

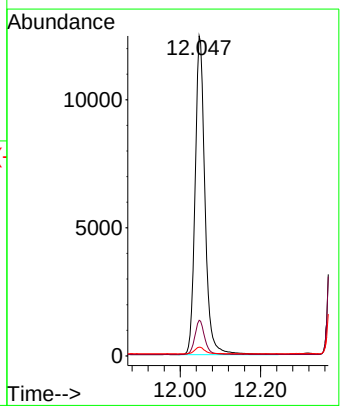


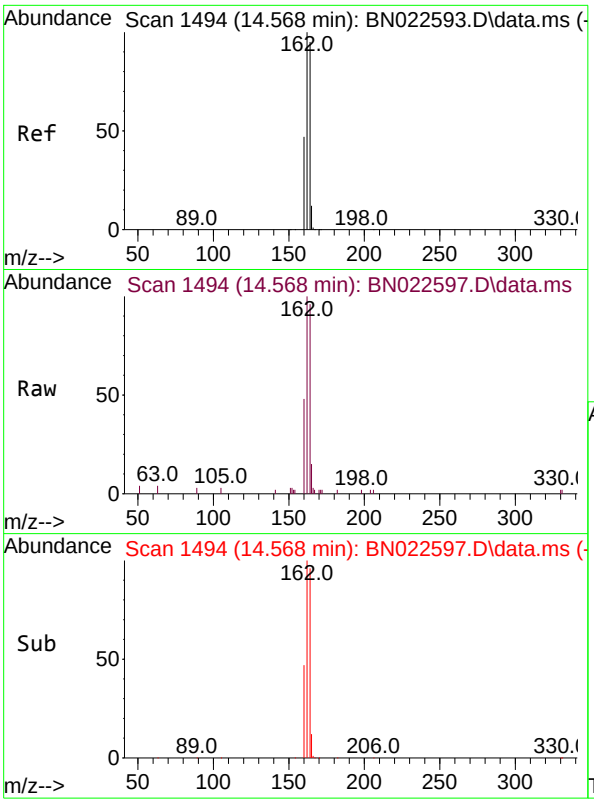


#12
2-Methylnaphthalene
Concen: 4.996 ng
RT: 12.047 min Scan# 1180
Delta R.T. -0.015 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:142 Resp: 21138

Ion	Ratio	Lower	Upper
142	100		
141	11.1	14.0	21.0#
115	2.7	11.4	17.2#



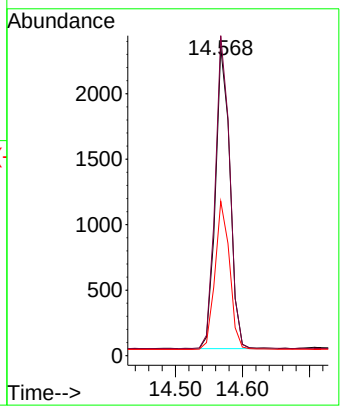


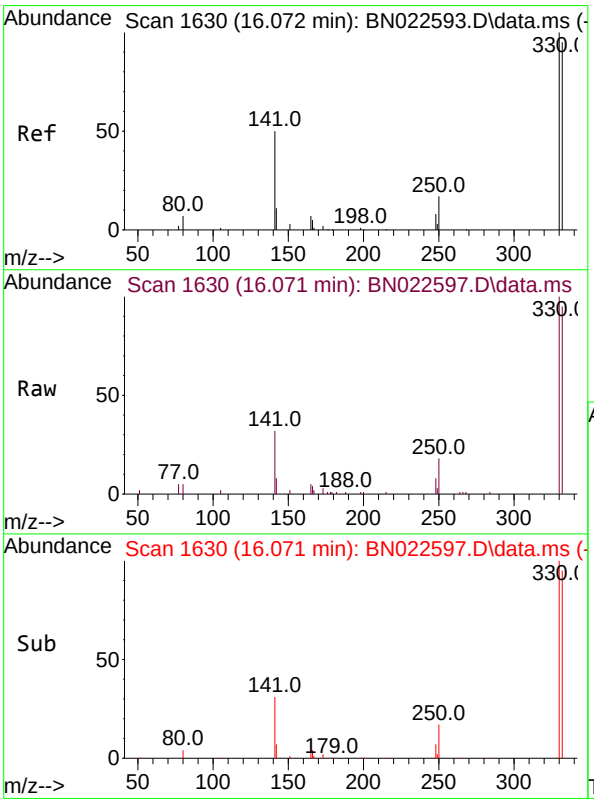
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.568 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 3480

Ion	Ratio	Lower	Upper
164	100		
162	103.8	84.3	126.5
160	50.1	40.6	60.8

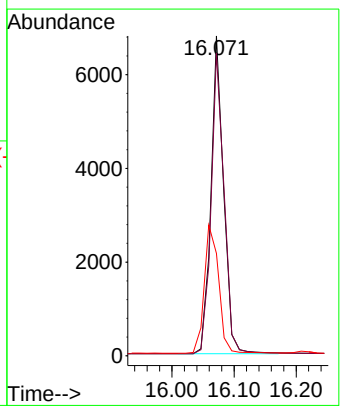


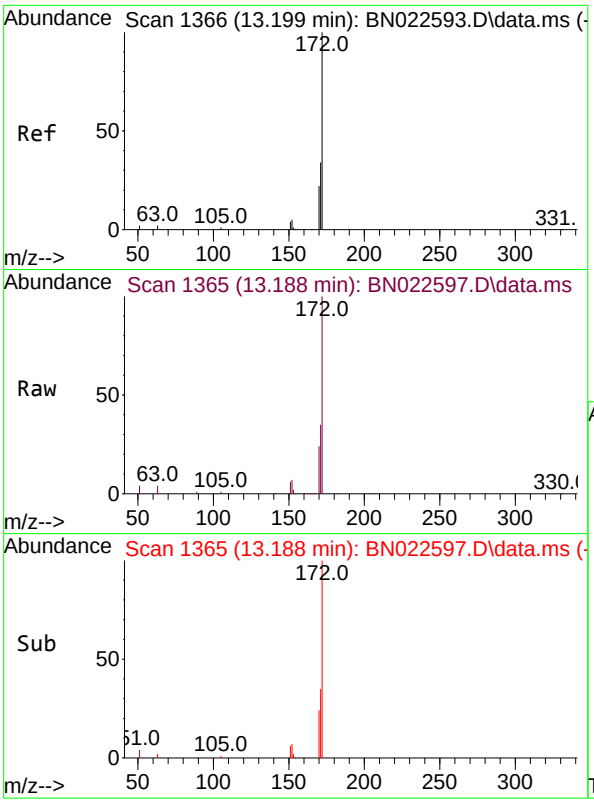


#14
2,4,6-Tribromophenol
Concen: 5.250 ng
RT: 16.071 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:330 Resp: 9592

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.5	116.3
141	45.7	33.3	49.9



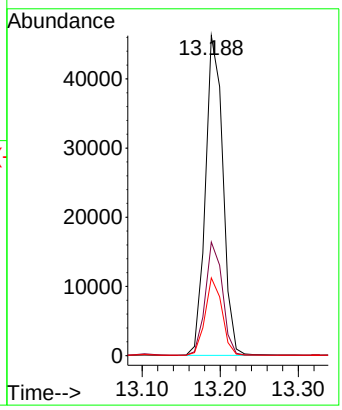


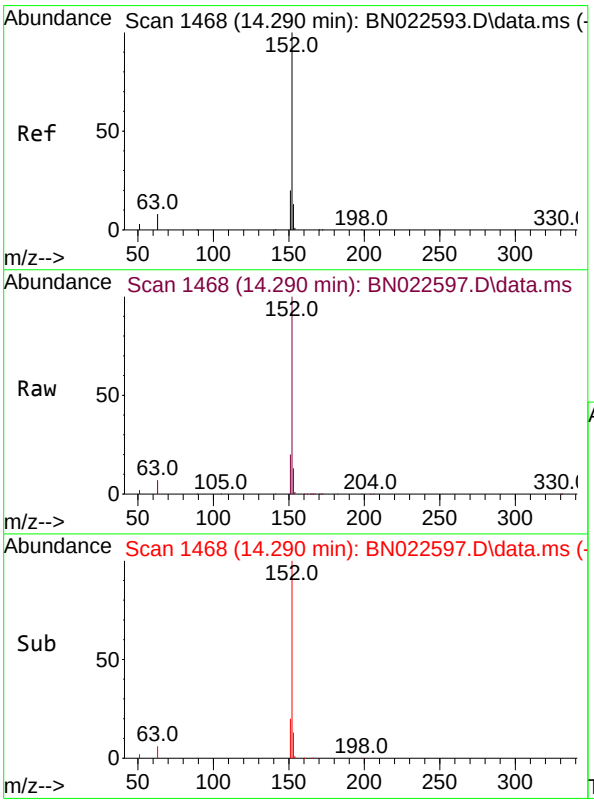
#15
2-Fluorobiphenyl
Concen: 4.947 ng
RT: 13.188 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 71734

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	24.3	18.6	28.0

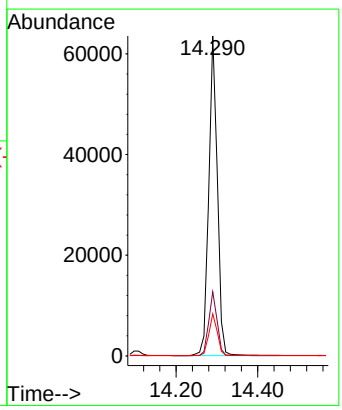


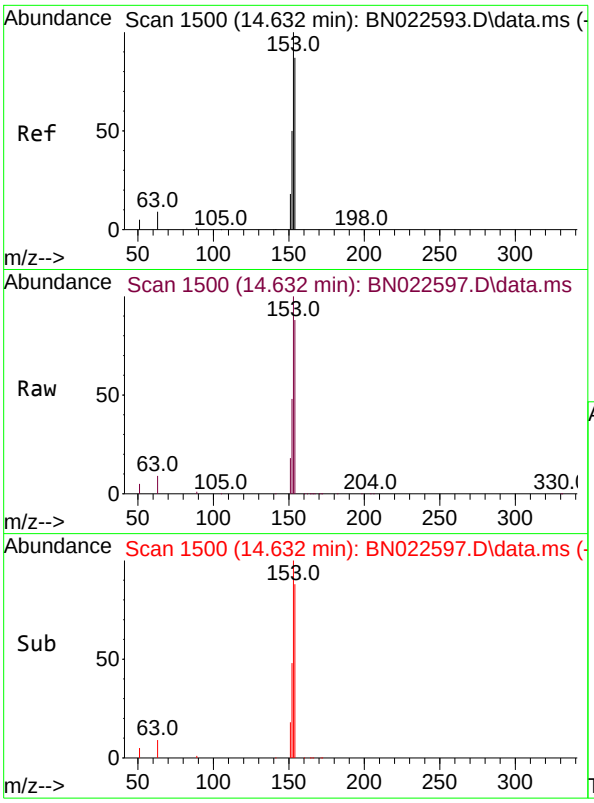


#16
Acenaphthylene
Concen: 5.223 ng
RT: 14.290 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:152 Resp: 92257

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.0	10.2	15.4



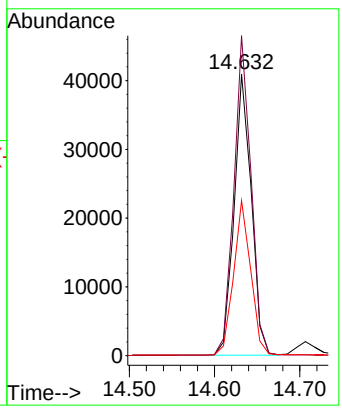


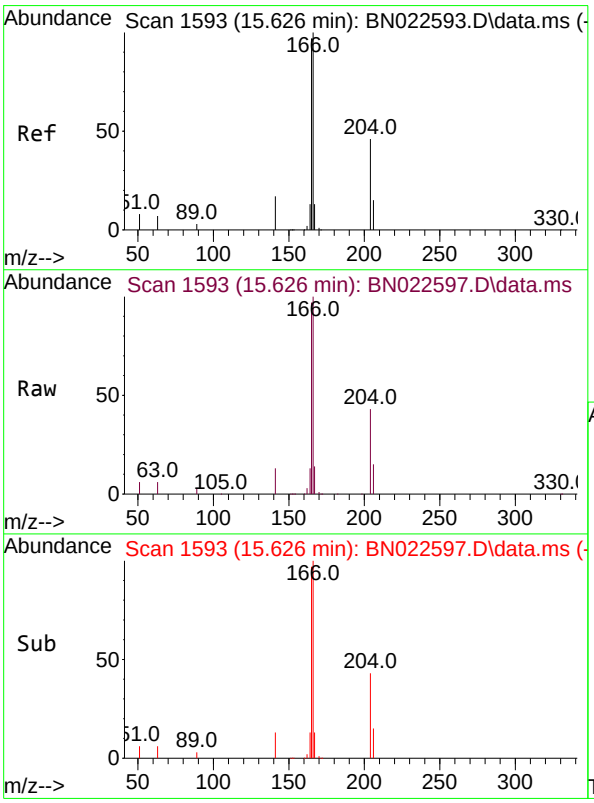
#17
Acenaphthene
Concen: 5.066 ng
RT: 14.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 57666

Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.2	138.2
152	54.8	45.4	68.0

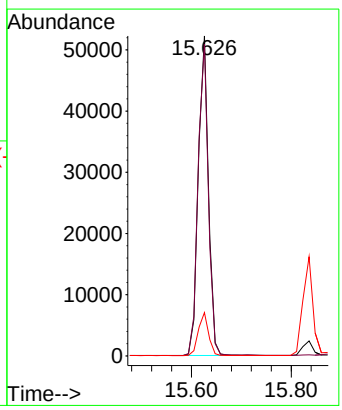


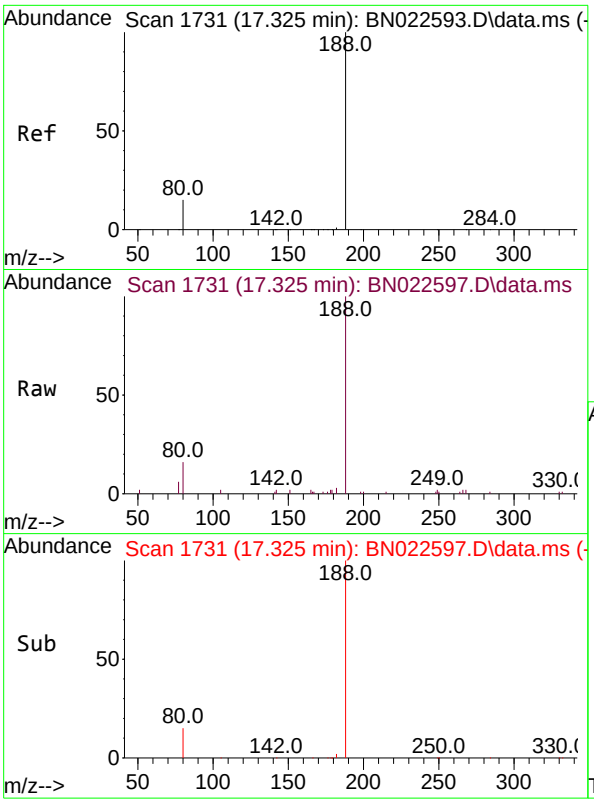


#18
Fluorene
Concen: 4.839 ng
RT: 15.626 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:166 Resp: 77204

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.6	117.8
167	12.9	10.2	15.4



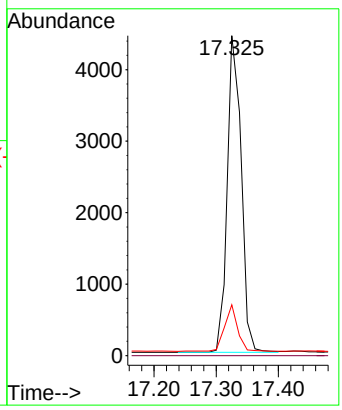


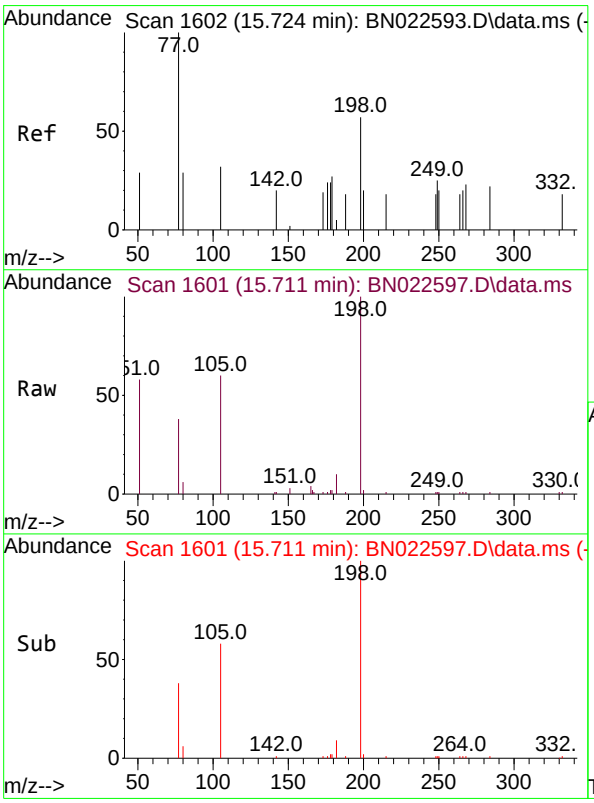
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 6923

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.9	13.1	19.7

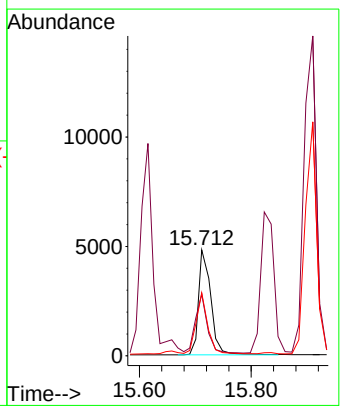


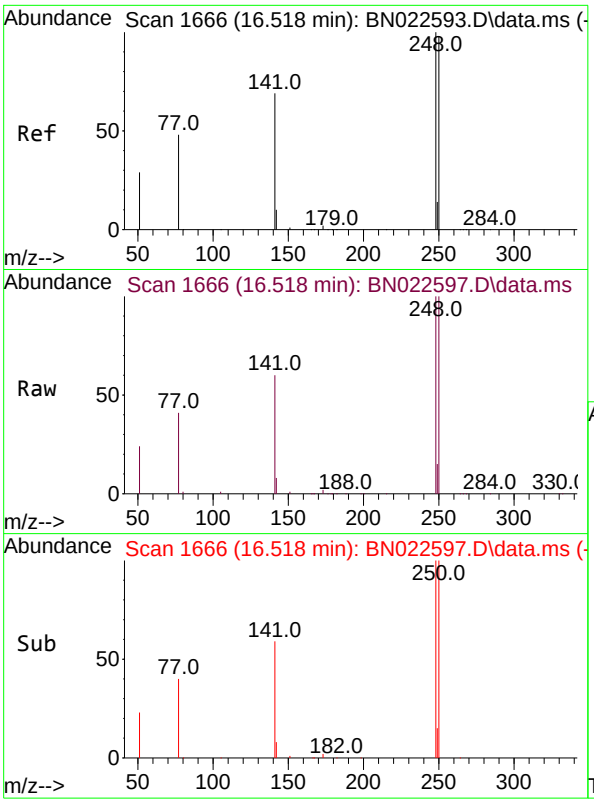


#20
4,6-Dinitro-2-methylphenol
Concen: 6.486 ng
RT: 15.711 min Scan# 1601
Delta R.T. -0.013 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:198 Resp: 7340

Ion	Ratio	Lower	Upper
198	100		
51	58.2	78.7	118.1#
105	59.5	68.5	102.7#



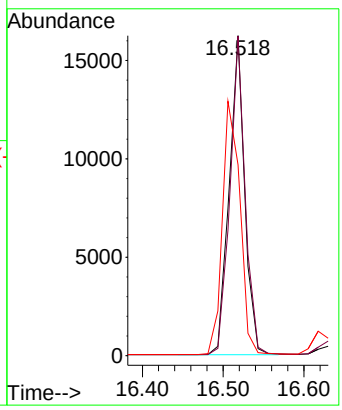


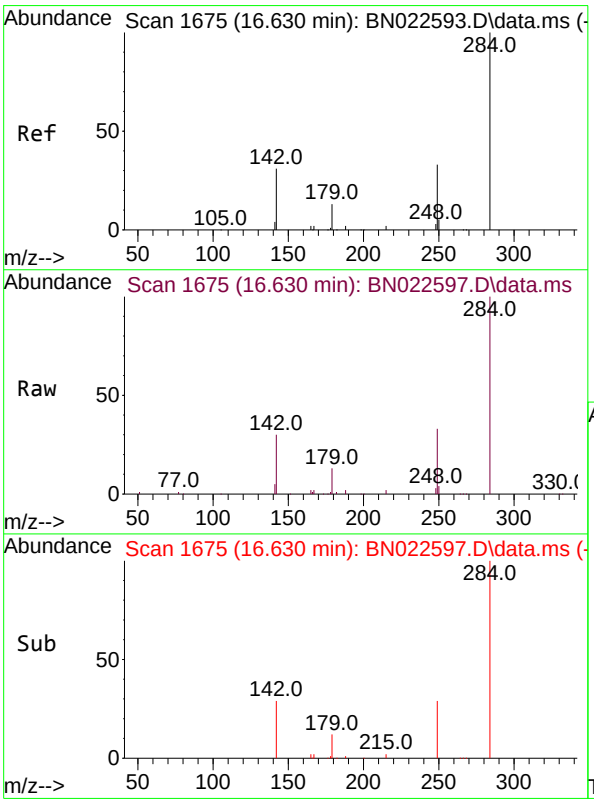
#21
4-Bromophenyl-phenylether
Concen: 5.053 ng
RT: 16.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 21605

Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.5	117.7
141	59.6	57.0	85.4

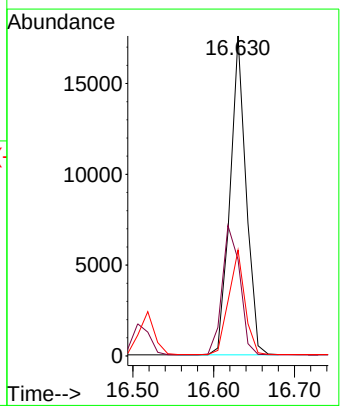


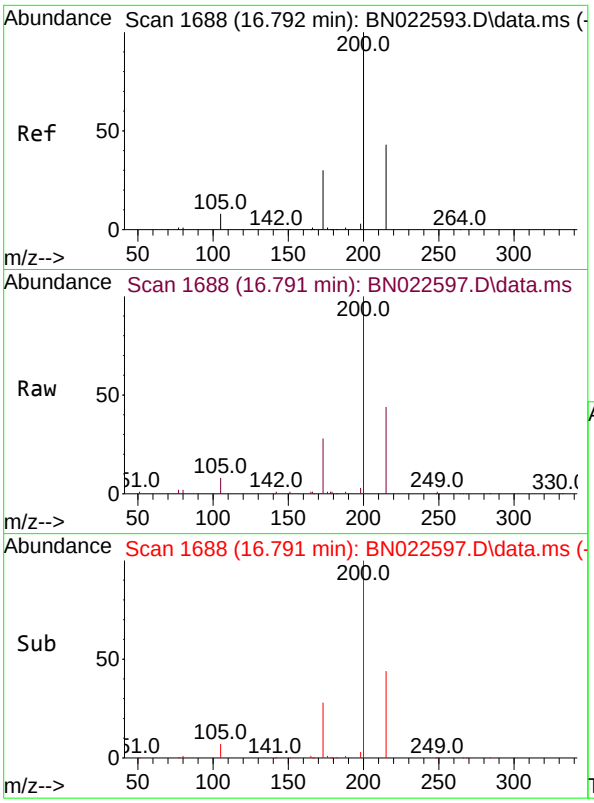


#22
Hexachlorobenzene
Concen: 4.960 ng
RT: 16.630 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:284 Resp: 24236

Ion	Ratio	Lower	Upper
284	100		
142	44.7	35.7	53.5
249	33.1	27.0	40.4



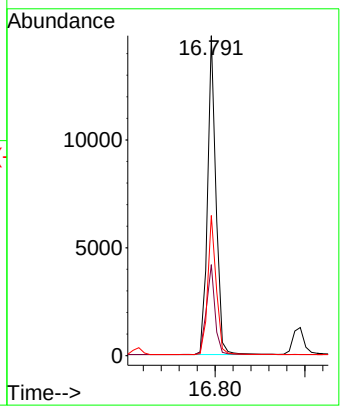


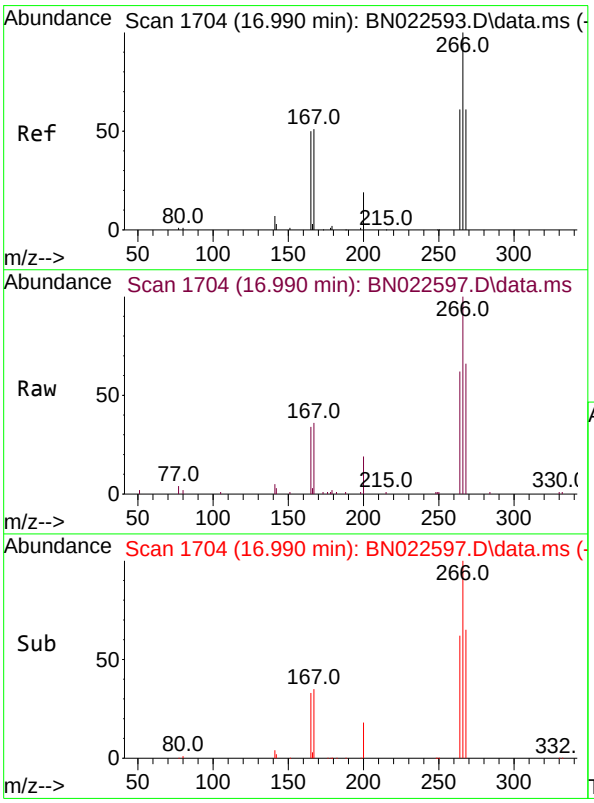
#23
Atrazine
Concen: 5.029 ng
RT: 16.791 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 19366

Ion	Ratio	Lower	Upper
200	100		
173	28.4	27.4	41.2
215	43.8	36.9	55.3

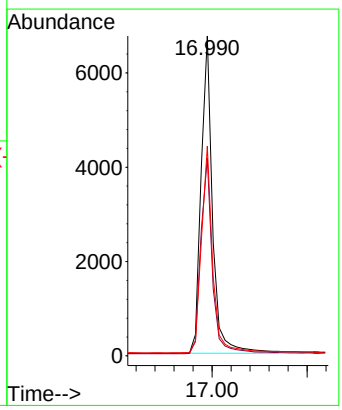


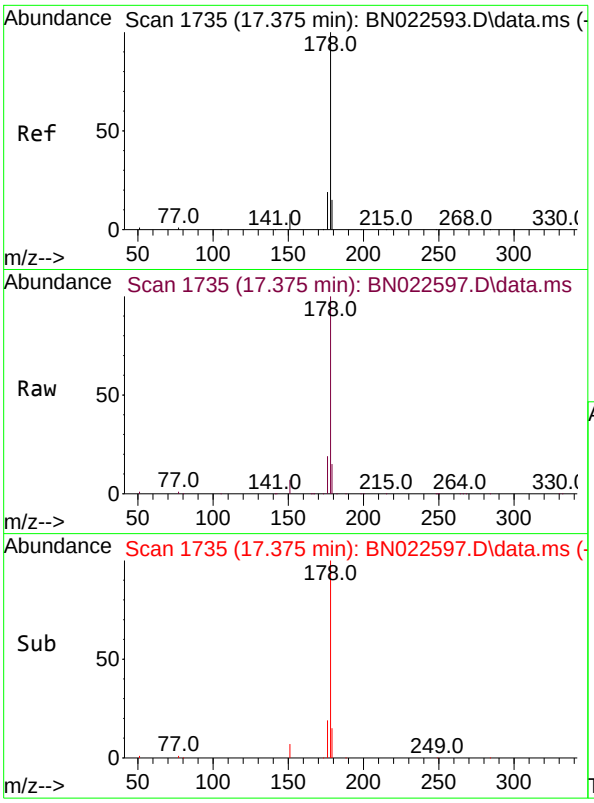


#24
Pentachlorophenol
Concen: 6.066 ng
RT: 16.990 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:266 Resp: 11198

Ion	Ratio	Lower	Upper
266	100		
264	62.5	47.3	70.9
268	64.0	48.0	72.0



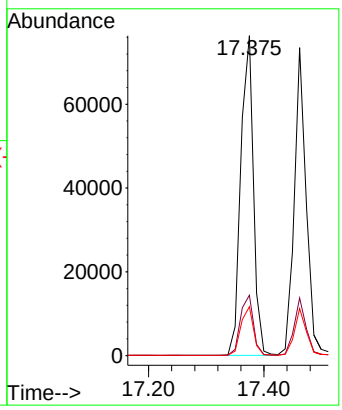


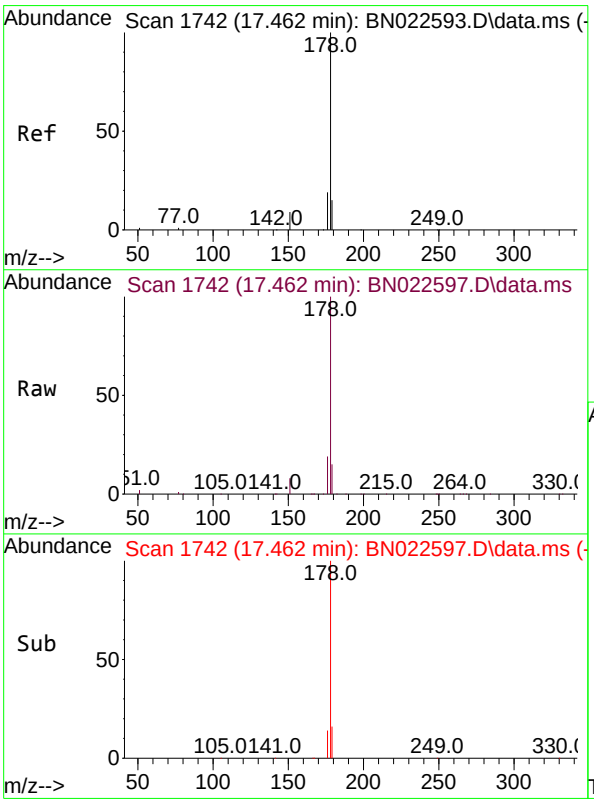
#25
Phenanthrene
Concen: 5.038 ng
RT: 17.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 116572

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.4	18.6

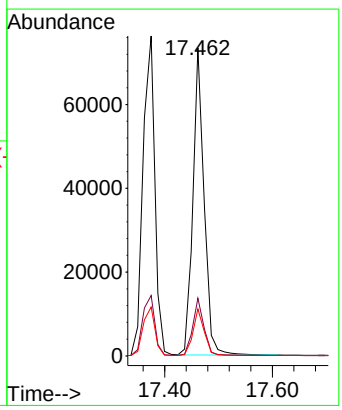


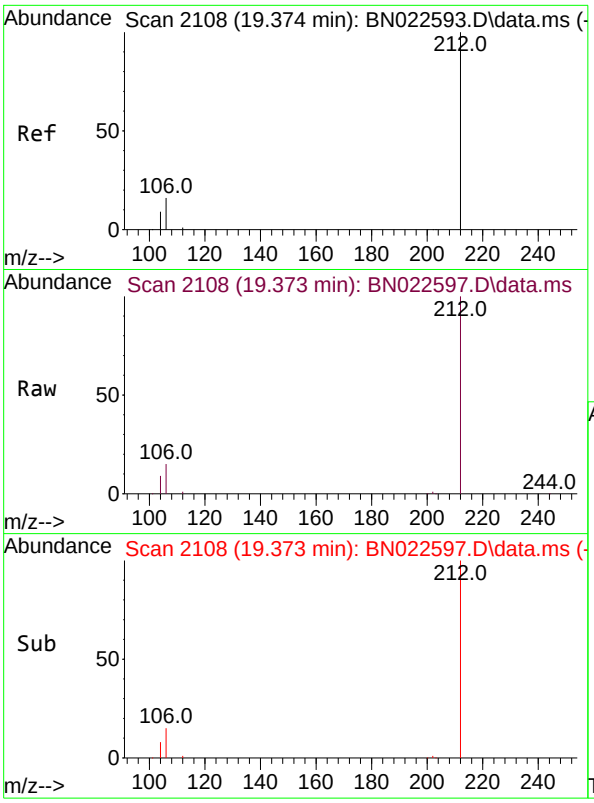


#26
Anthracene
Concen: 5.191 ng
RT: 17.462 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:178 Resp: 105686

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.2	18.2



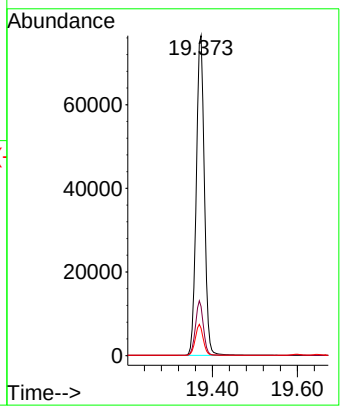


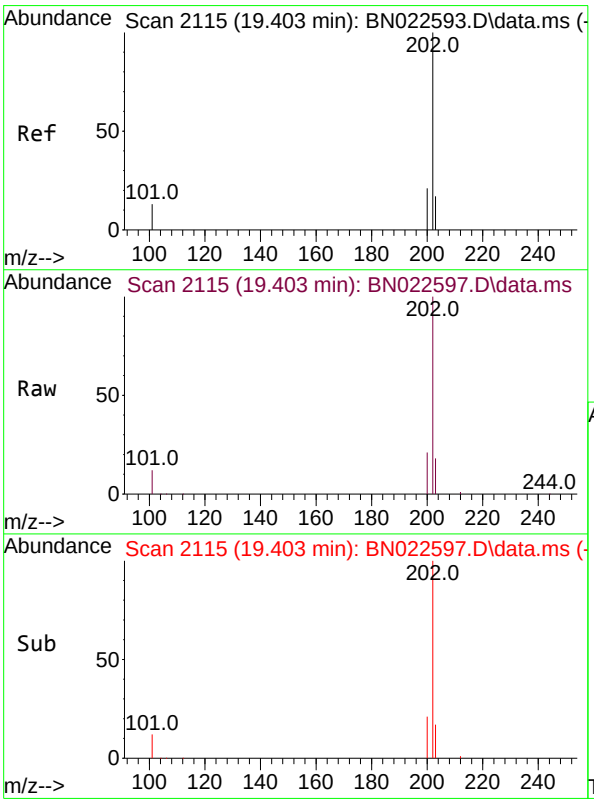
#27
Fluoranthene-d10
Concen: 5.353 ng
RT: 19.373 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 101245

Ion	Ratio	Lower	Upper
212	100		
106	16.6	13.0	19.6
104	9.4	7.4	11.2

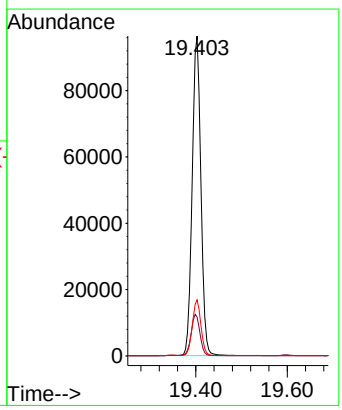


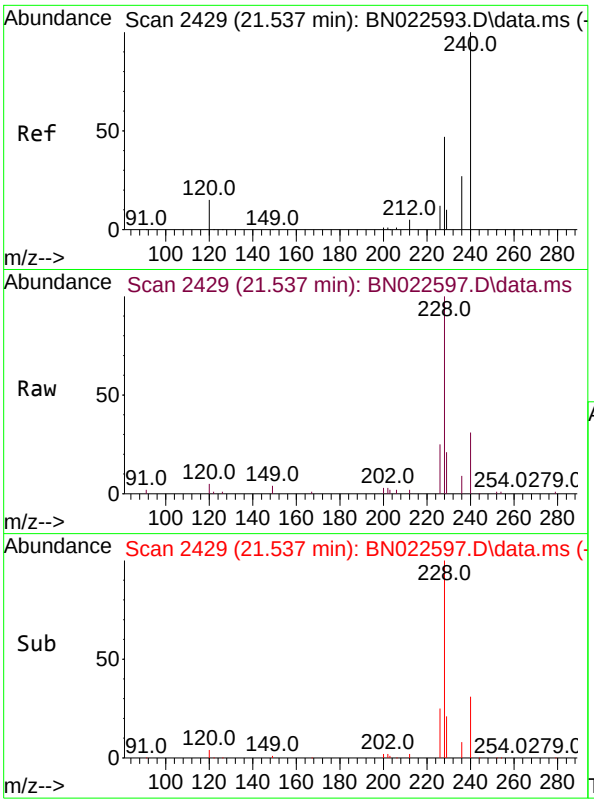


#28
Fluoranthene
Concen: 5.120 ng
RT: 19.403 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:202 Resp: 127683

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
203	17.3	13.5	20.3



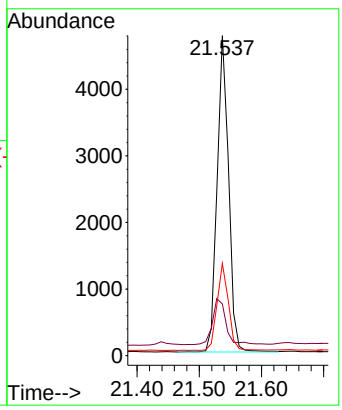


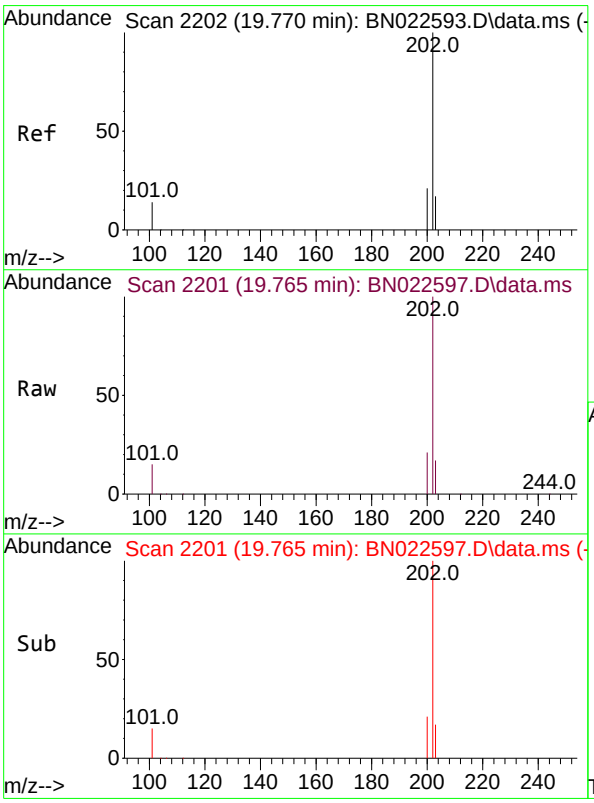
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.537 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 6069

Ion	Ratio	Lower	Upper
240	100		
120	16.1	15.0	22.4
236	28.8	23.1	34.7

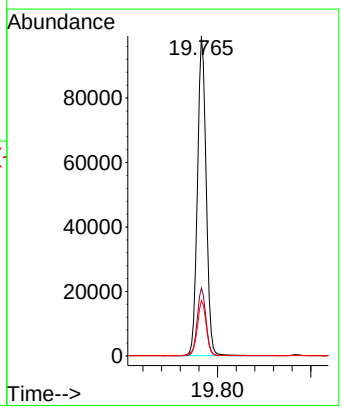


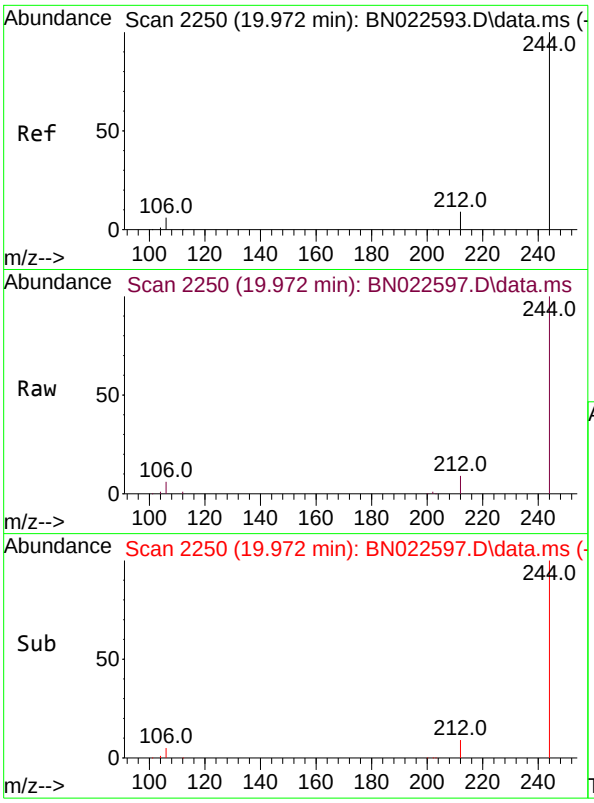


#30
Pyrene
Concen: 4.906 ng
RT: 19.765 min Scan# 2201
Delta R.T. -0.004 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:202 Resp: 128567

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.8	14.2	21.2



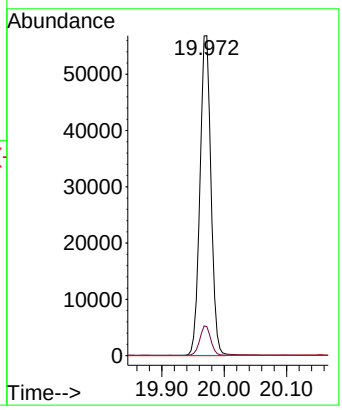


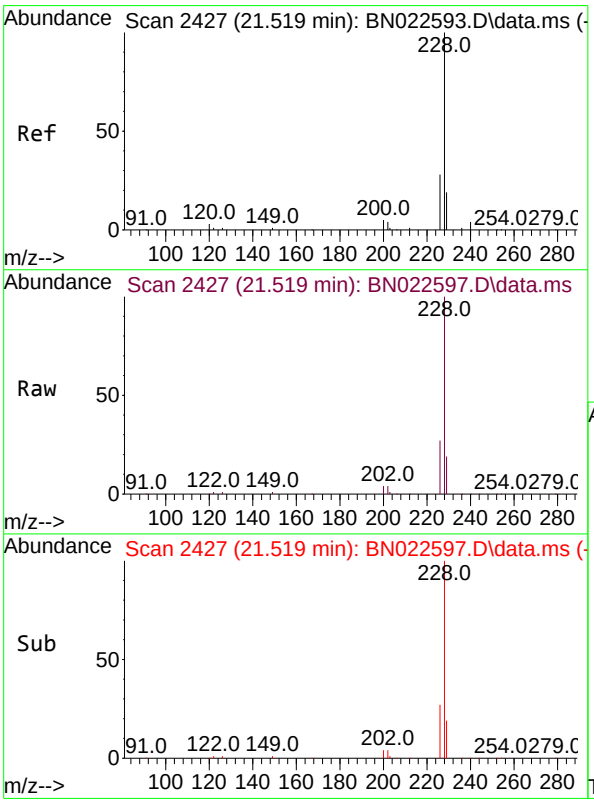
#31
Terphenyl-d14
Concen: 5.010 ng
RT: 19.972 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 94756

Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.0	12.0
122	0.0	0.0	0.0

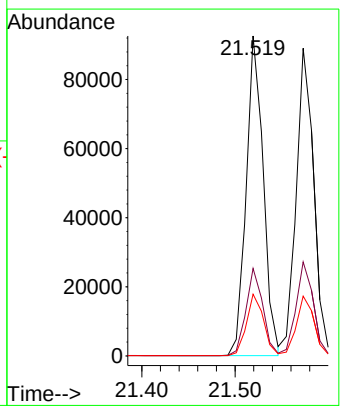


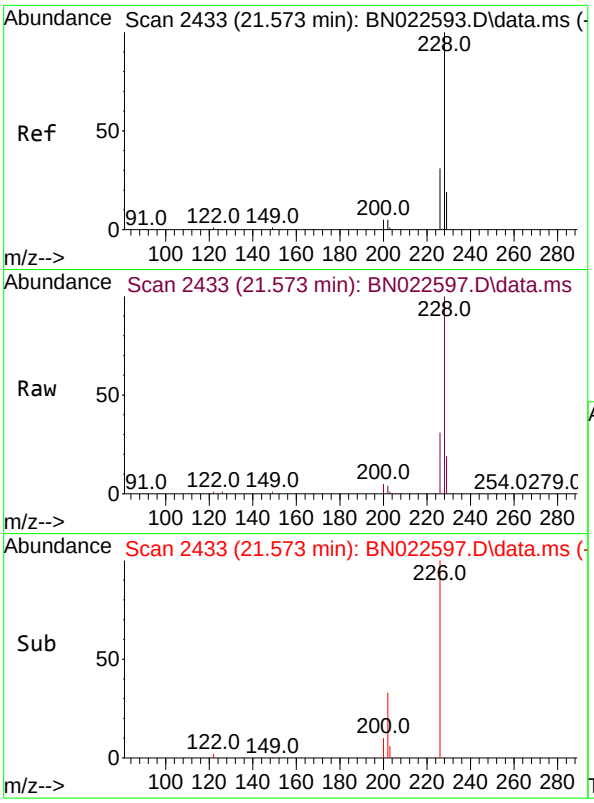


#32
Benzo(a)anthracene
Concen: 4.813 ng
RT: 21.519 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:228 Resp: 117455

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.6
229	19.3	16.3	24.5



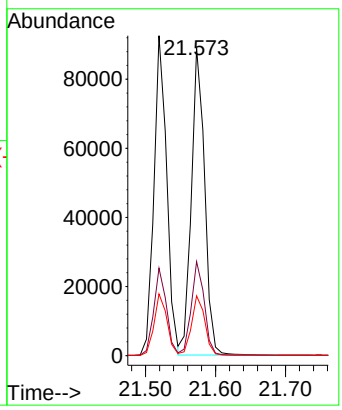


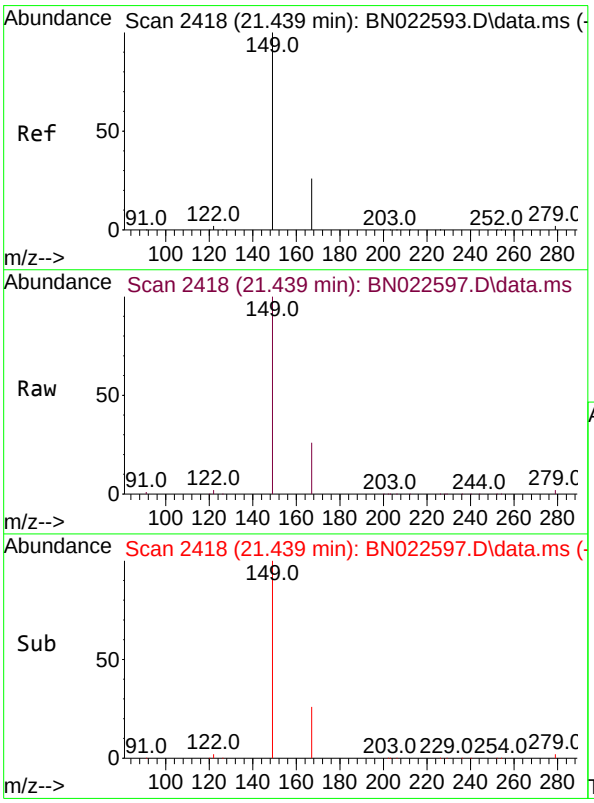
#33
Chrysene
Concen: 4.836 ng
RT: 21.573 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 116895

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.3	37.9
229	19.4	16.0	24.0

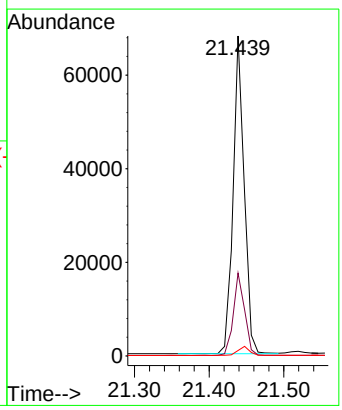


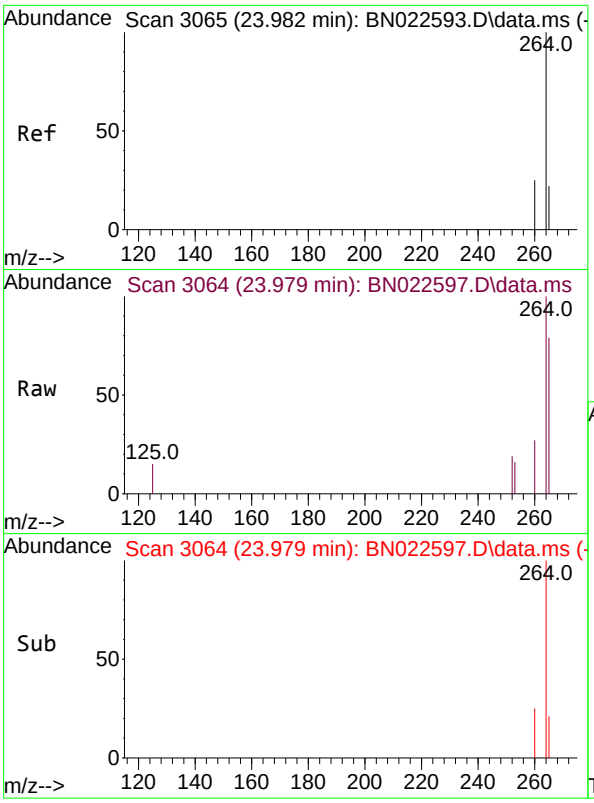


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.412 ng
RT: 21.439 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:149 Resp: 70161

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.8	31.2
279	2.9	2.4	3.6



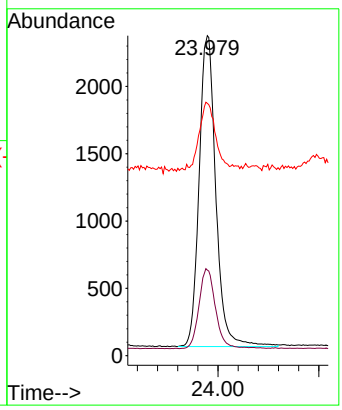


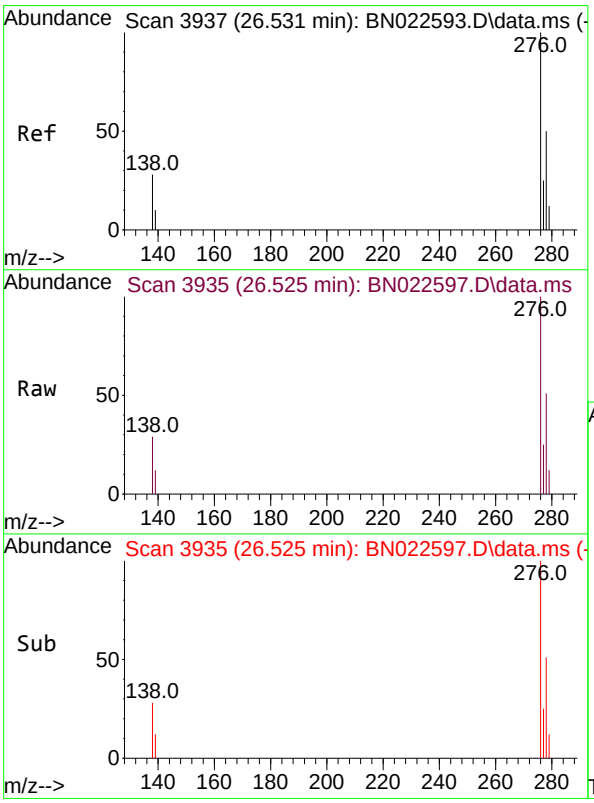
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.979 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 5300

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.2	31.8
265	78.8	57.5	86.3

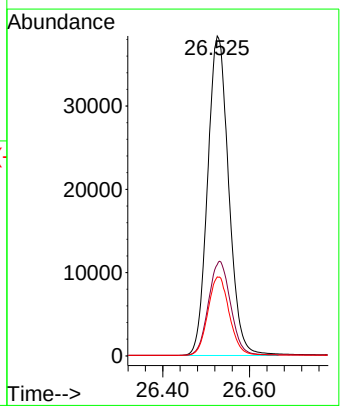


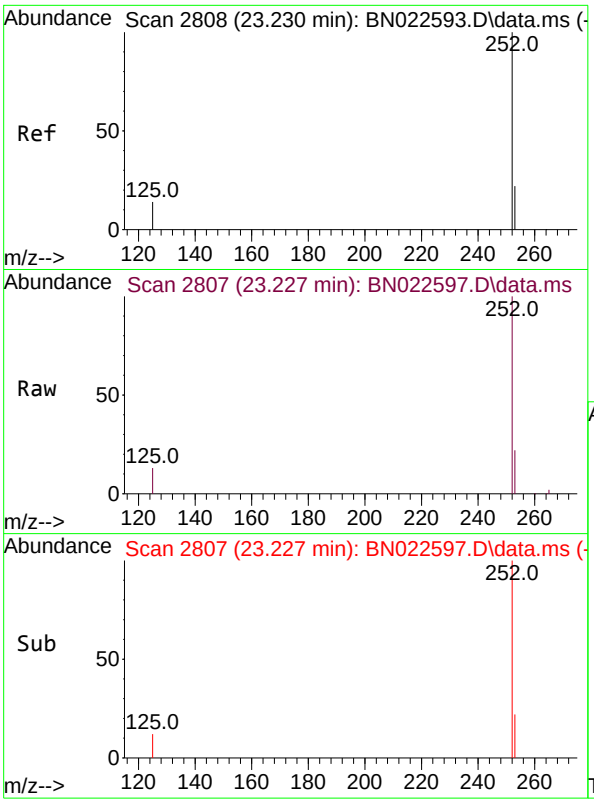


#36
Indeno(1,2,3-cd)pyrene
Concen: 5.071 ng
RT: 26.525 min Scan# 3935
Delta R.T. -0.006 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:276 Resp: 129406

Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.3	36.5
277	25.0	19.8	29.6



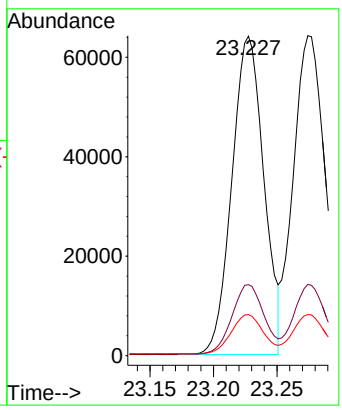


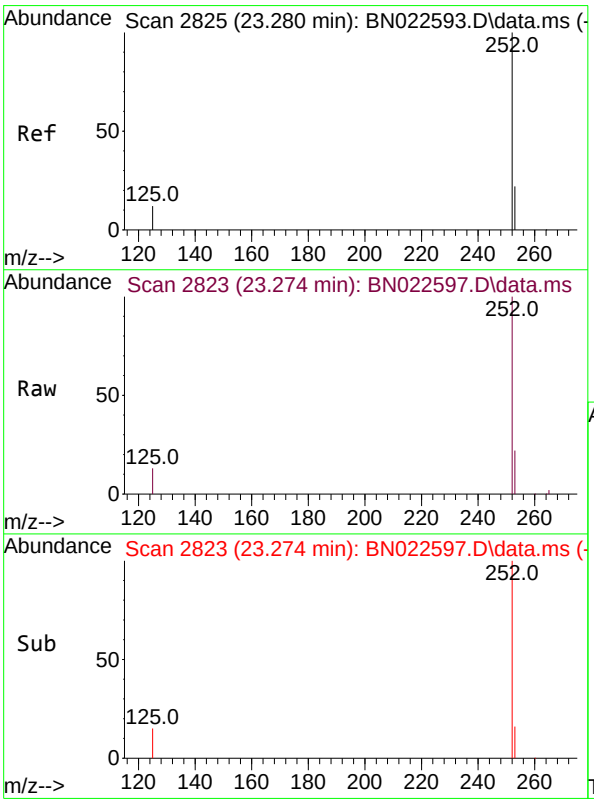
#37
Benzo(b)fluoranthene
Concen: 5.364 ng
RT: 23.227 min Scan# 28
Delta R.T. -0.003 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 111782

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.5	32.3
125	12.9	15.5	23.3#

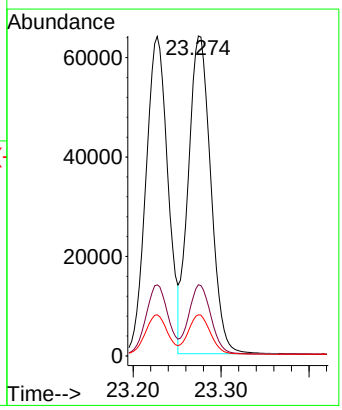


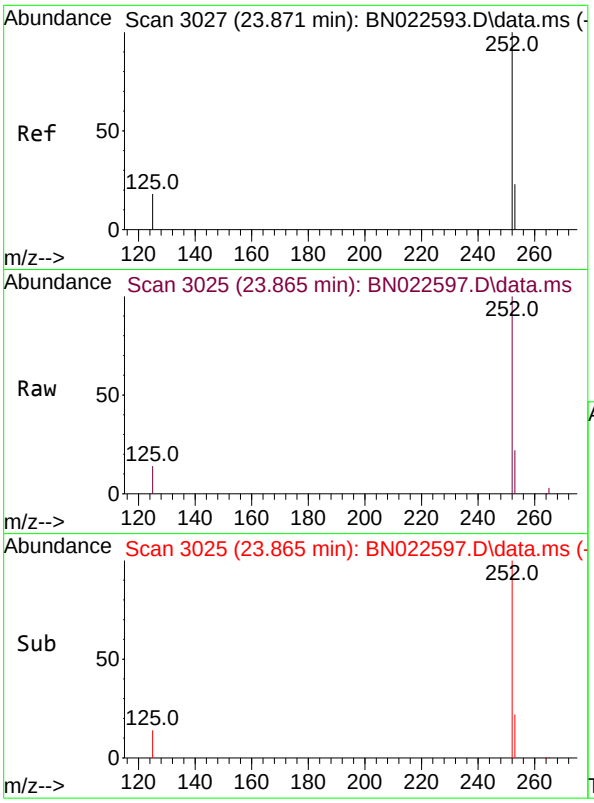


#38
Benzo(k)fluoranthene
Concen: 5.326 ng
RT: 23.274 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:252 Resp: 113176

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.7	32.5
125	12.8	14.5	21.7#



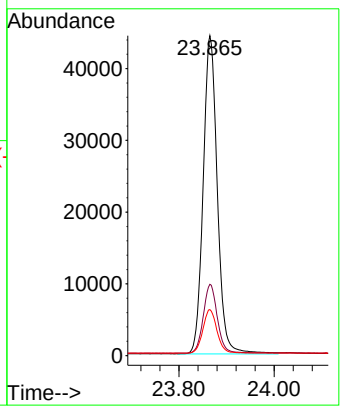


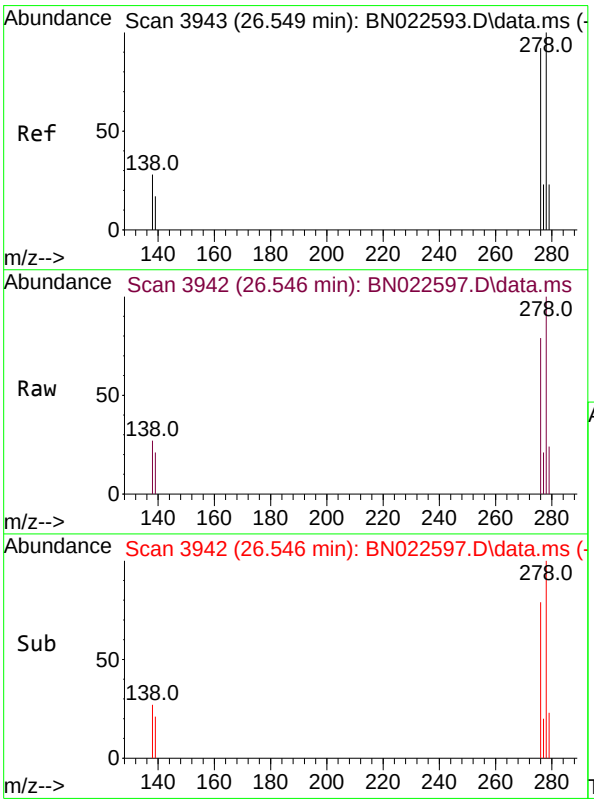
#39
Benzo(a)pyrene
Concen: 5.126 ng
RT: 23.865 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 91497

Ion	Ratio	Lower	Upper
252	100		
253	22.3	24.7	37.1#
125	14.4	21.3	31.9#

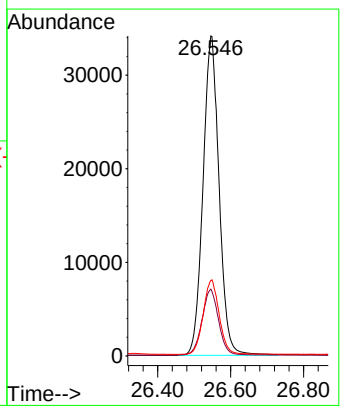


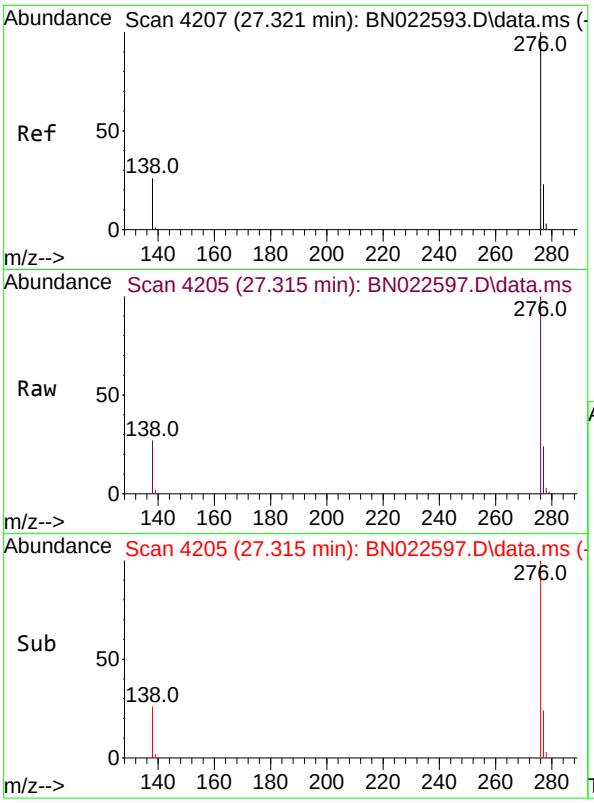


#40
Dibenzo(a,h)anthracene
Concen: 5.148 ng
RT: 26.546 min Scan# 3942
Delta R.T. -0.003 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Tgt Ion:278 Resp: 104502

Ion	Ratio	Lower	Upper
278	100		
139	20.9	19.1	28.7
279	23.6	23.7	35.5#





#41
Benzo(g,h,i)perylene
Concen: 4.954 ng
RT: 27.315 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN022597.D
Acq: 10 Nov 2022 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 106839

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.6	31.0
138	26.6	23.0	34.4