Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023702.D
Acq On : 18 Jan 2023 14:26
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 18 14:58:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 14:53:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	5198	0.400	ng		0.00
7) Naphthalene-d8	10.808	136	12549	0.400	ng		0.00
13) Acenaphthene-d10	14.645	164	6398	0.400	ng		0.00
19) Phenanthrene-d10	17.390	188	12576	0.400	ng		0.00
29) Chrysene-d12	21.580	240	11346	0.400	ng		0.00
35) Perylene-d12	24.053	264	7947	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	35793	3.286	ng		0.00
5) Phenol-d6	7.147	99	43660	3.417	ng		0.00
8) Nitrobenzene-d5	9.153	82	33983	3.531	ng		0.00
11) 2-Methylnaphthalene-d10	12.401	152	64641	4.005	ng		0.00
14) 2,4,6-Tribromophenol	16.136	330	9756	3.853	ng		0.00
15) 2-Fluorobiphenyl	13.266	172	87080	3.175	ng		0.00
27) Fluoranthene-d10	19.427	212	97463	3.390	ng		0.00
31) Terphenyl-d14	20.022	244	53950	3.008	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	17428	3.110	ng		98
3) n-Nitrosodimethylamine	3.687	42	21989	3.471	ng	#	97
6) bis(2-Chloroethyl)ether	7.414	93	42543	3.139	ng		100
9) Naphthalene	10.861	128	106809	3.320	ng		99
10) Hexachlorobutadiene	11.150	225	21435	3.259	ng	#	100
12) 2-Methylnaphthalene	12.473	142	73417	3.230	ng		99
16) Acenaphthylene	14.367	152	95891	3.940	ng		100
17) Acenaphthene	14.709	154	61760	3.469	ng		98
18) Fluorene	15.693	166	87016	3.440	ng		98
21) 4-Bromophenyl-phenylether	16.583	248	25119	3.628	ng		98
22) Hexachlorobenzene	16.695	284	30218	3.509	ng		99
23) Atrazine	16.856	200	18061	3.694	ng		97
24) Pentachlorophenol	17.042	266	12427	4.804	ng		99
25) Phenanthrene	17.427	178	125386	3.522	ng		100
26) Anthracene	17.526	178	107538	3.860	ng		100
28) Fluoranthene	19.456	202	133293	3.435	ng		99
30) Pyrene	19.819	202	139232	3.364	ng		100
32) Benzo(a)anthracene	21.572	228	124730	3.576	ng		99
33) Chrysene	21.616	228	128568	3.185	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	49834	3.084	ng		99
36) Indeno(1,2,3-cd)pyrene	26.650	276	128012	3.763	ng		100
37) Benzo(b)fluoranthene	23.296	252	115203	3.574	ng	#	92
38) Benzo(k)fluoranthene	23.346	252	118585	3.732	ng	#	92
39) Benzo(a)pyrene	23.945	252	87127	3.757	ng	#	86
40) Dibenzo(a,h)anthracene	26.673	278	104559	3.836	ng		95
41) Benzo(g,h,i)perylene	27.451	276	107451	3.672	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023702.D
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Operator : CG/JU
Sample : SSTDICC3.2
Misc :
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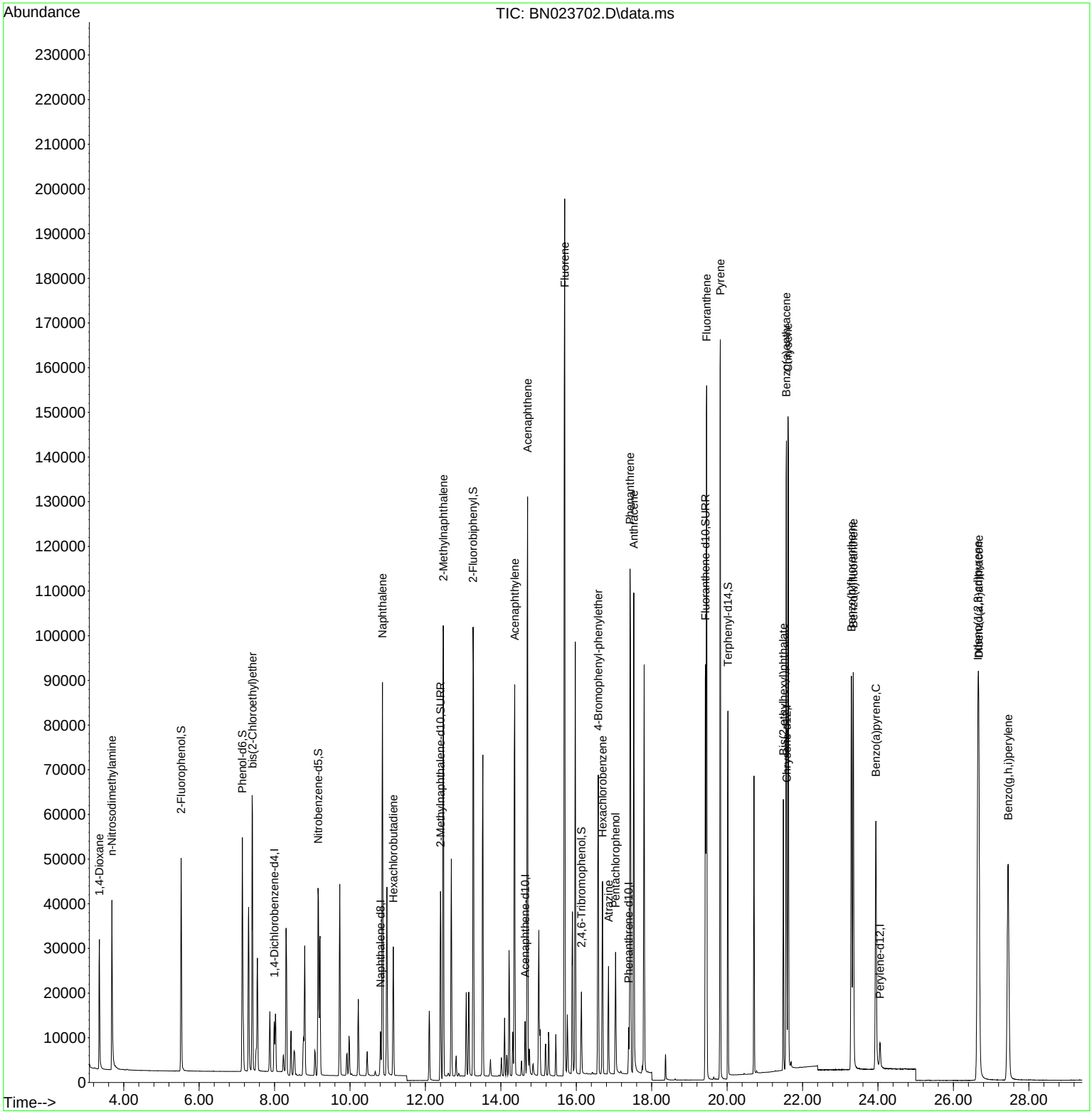
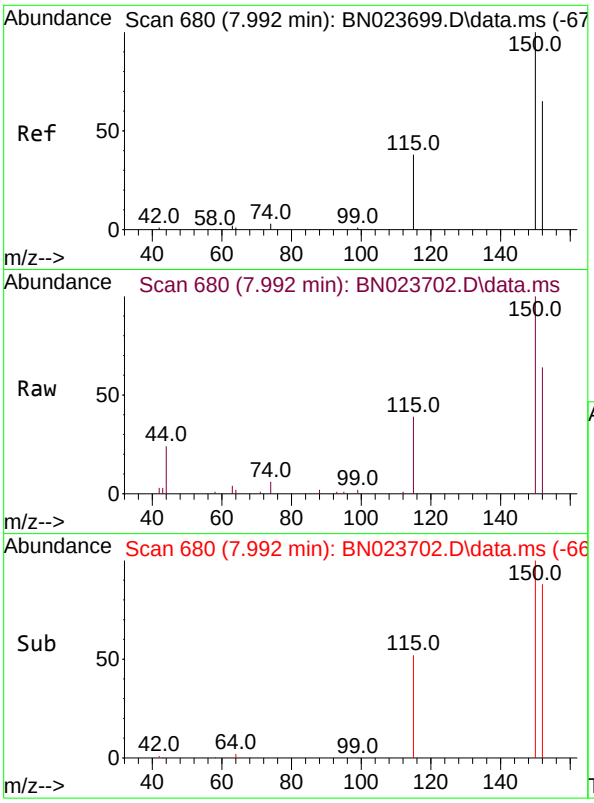
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 18 14:58:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 14:53:50 2023
Response via : Initial Calibration



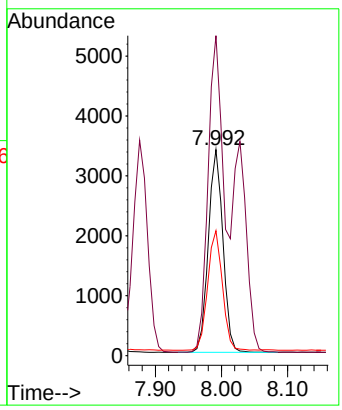


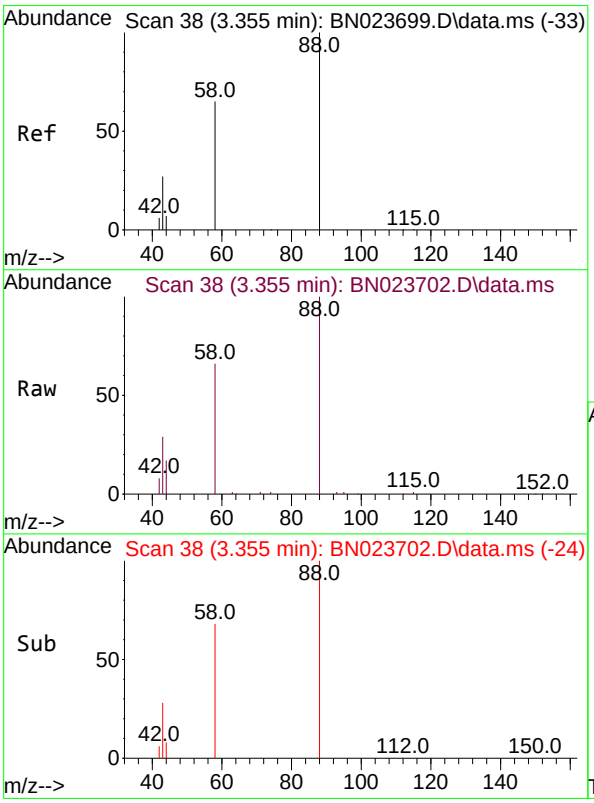
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.992 min Scan# 68
Delta R.T. -0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5198

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.4	183.6
115	60.6	48.2	72.4

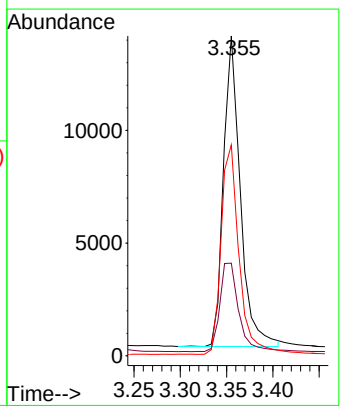


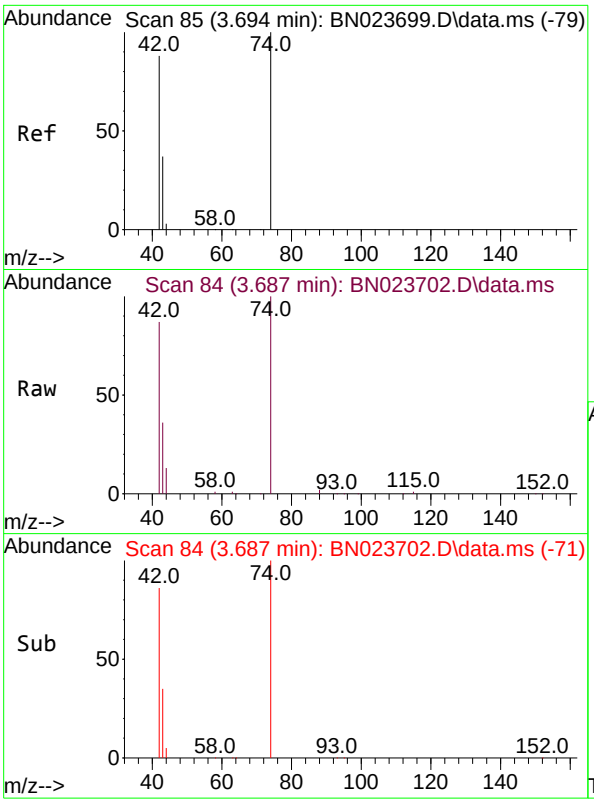


#2
1,4-Dioxane
Concen: 3.110 ng
RT: 3.355 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion: 88 Resp: 17428

Ion	Ratio	Lower	Upper
88	100		
43	31.7	26.8	40.2
58	71.3	58.5	87.7



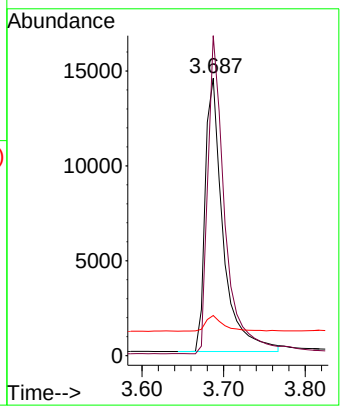


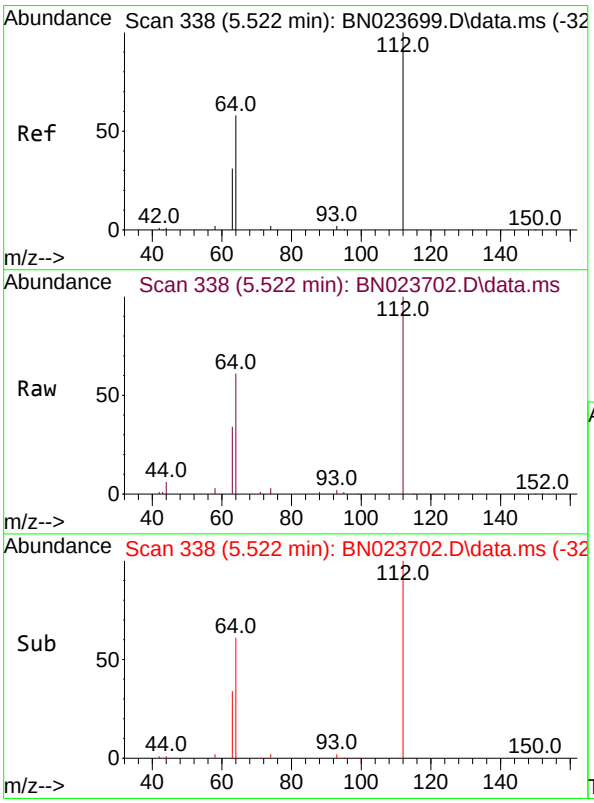
#3
n-Nitrosodimethylamine
Concen: 3.471 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.007 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 21989

Ion	Ratio	Lower	Upper
42	100		
74	111.2	87.4	131.2
44	5.7	9.4	14.2#

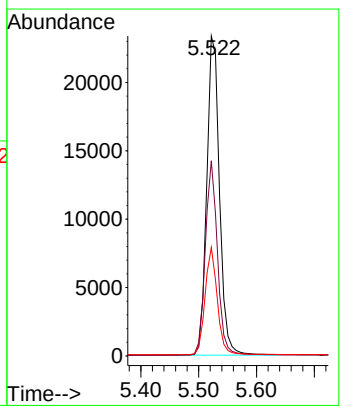


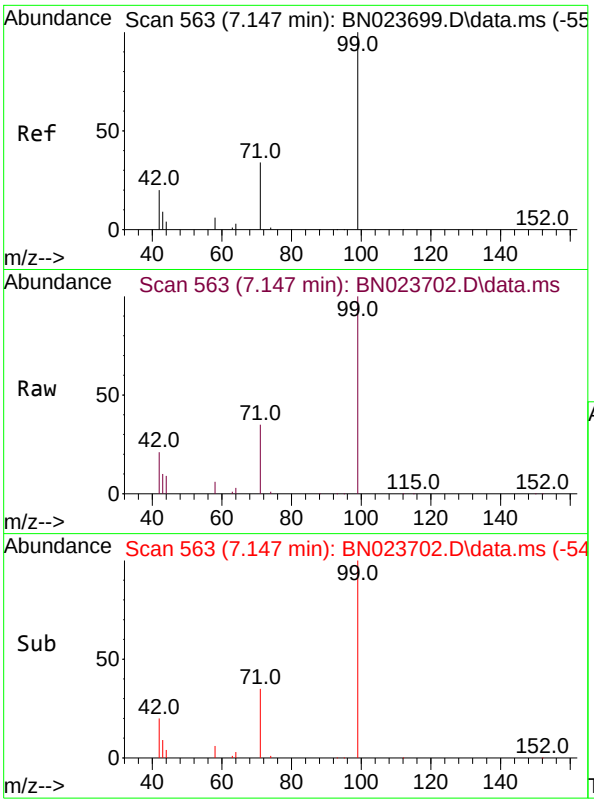


#4
2-Fluorophenol
Concen: 3.286 ng
RT: 5.522 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:112 Resp: 35793

Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.8	68.8
63	32.1	25.3	37.9



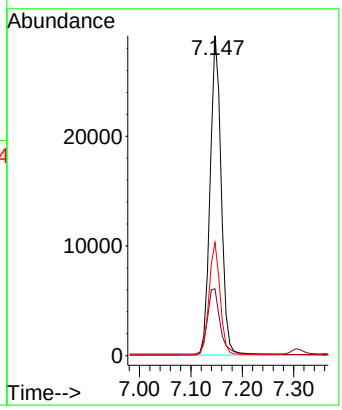


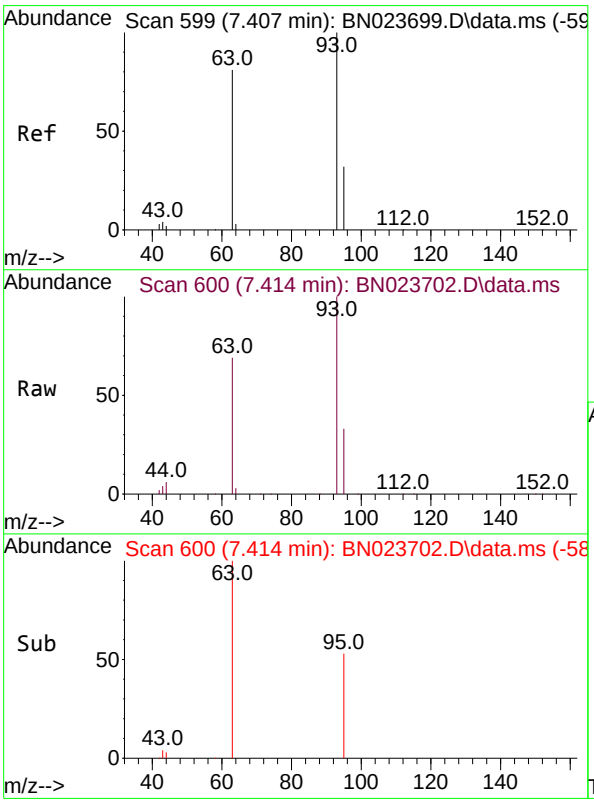
#5
Phenol-d6
Concen: 3.417 ng
RT: 7.147 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 43660

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.4	29.0
71	35.2	28.7	43.1

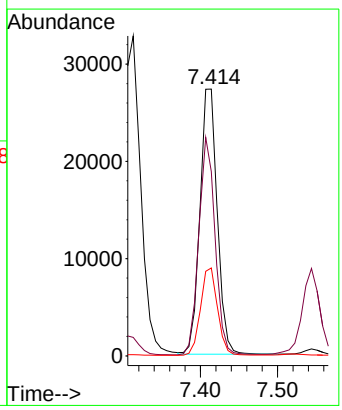


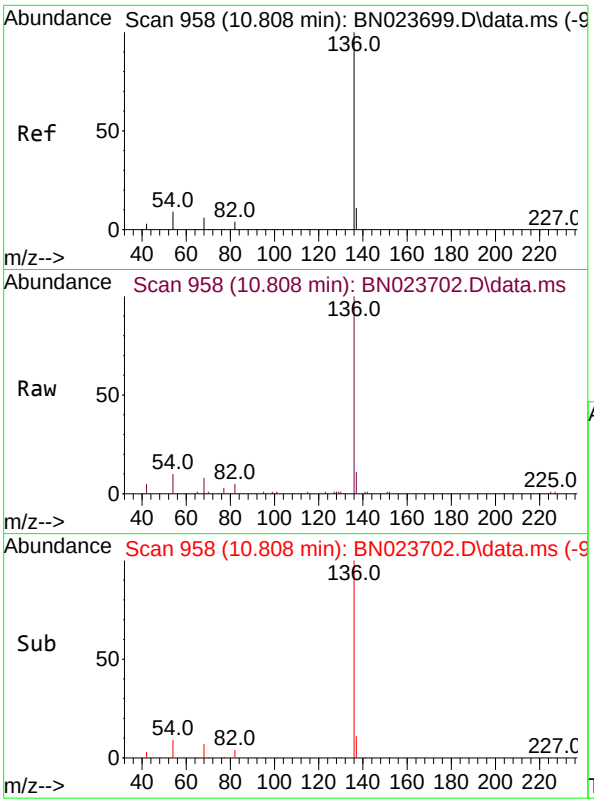


#6
bis(2-Chloroethyl)ether
Concen: 3.139 ng
RT: 7.414 min Scan# 600
Delta R.T. 0.007 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion: 93 Resp: 42543

Ion	Ratio	Lower	Upper
93	100		
63	77.1	61.8	92.6
95	32.5	25.9	38.9



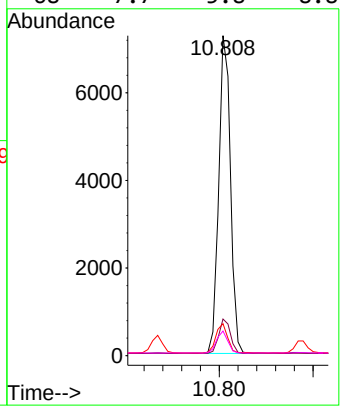


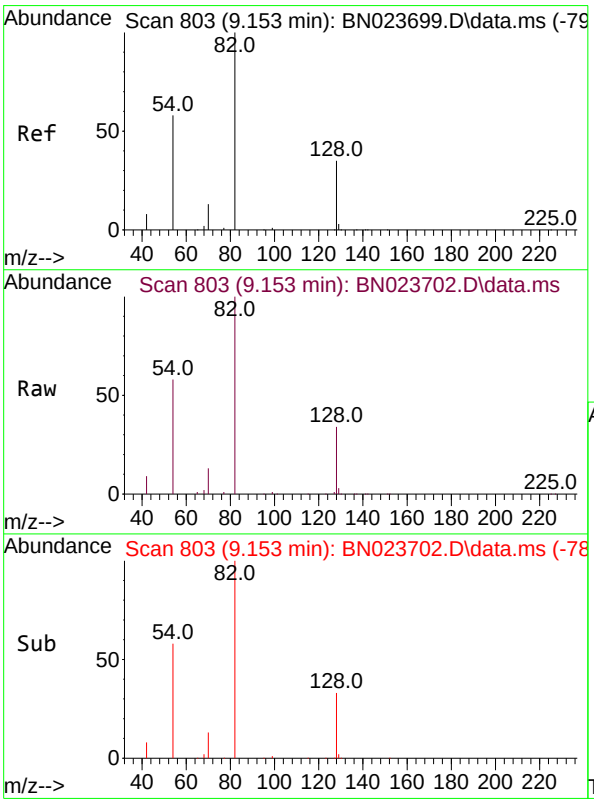
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.808 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 12549

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.0	7.5	11.3
68	7.7	5.8	8.8

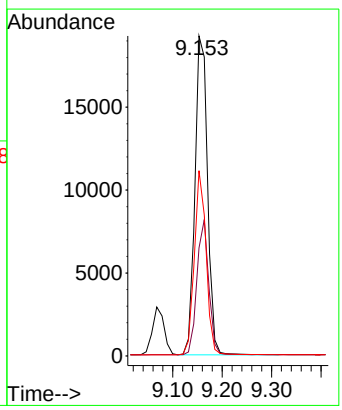


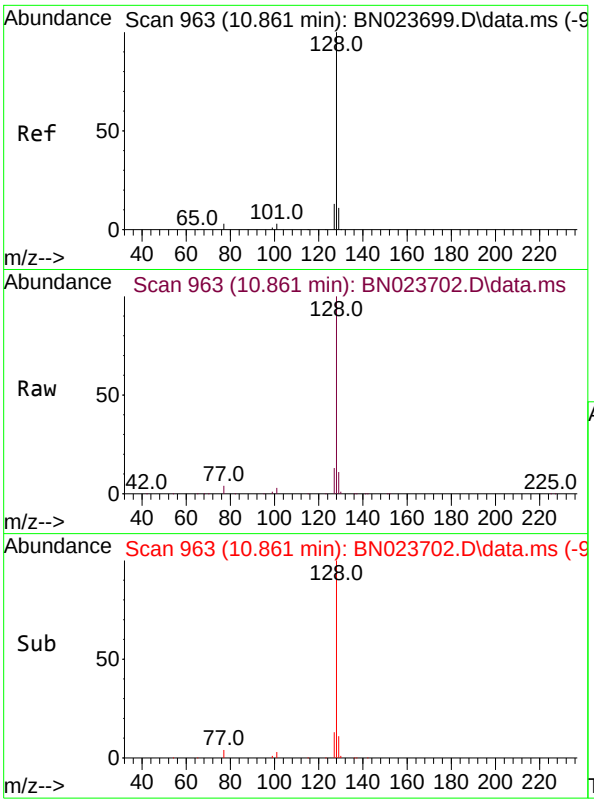


#8
Nitrobenzene-d5
Concen: 3.531 ng
RT: 9.153 min Scan# 803
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion: 82 Resp: 33983

Ion	Ratio	Lower	Upper
82	100		
128	33.7	30.2	45.2
54	57.9	47.3	70.9



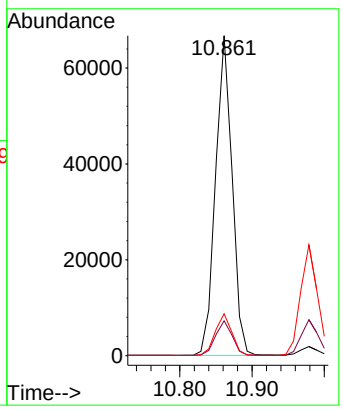


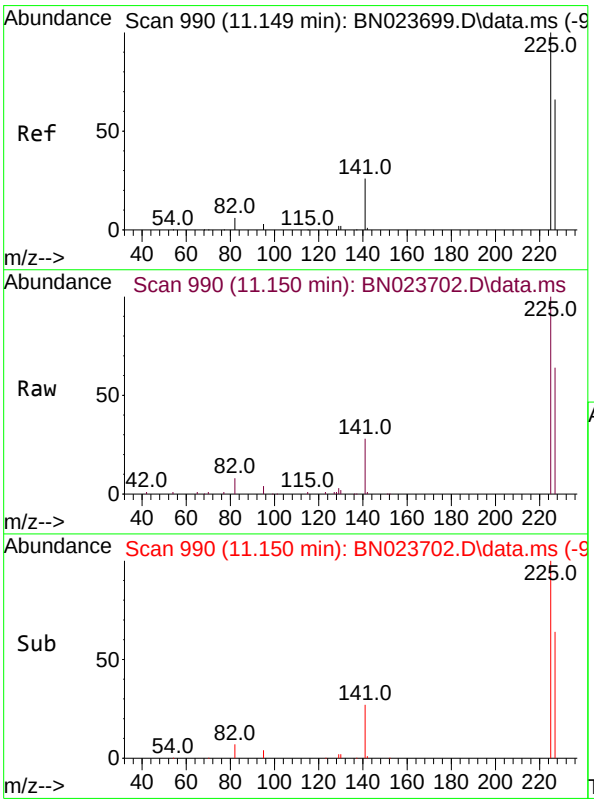
#9
Naphthalene
Concen: 3.320 ng
RT: 10.861 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 106809

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.1	10.9	16.3

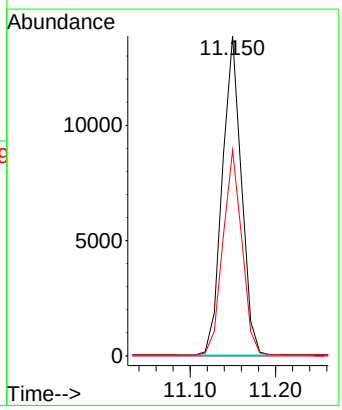


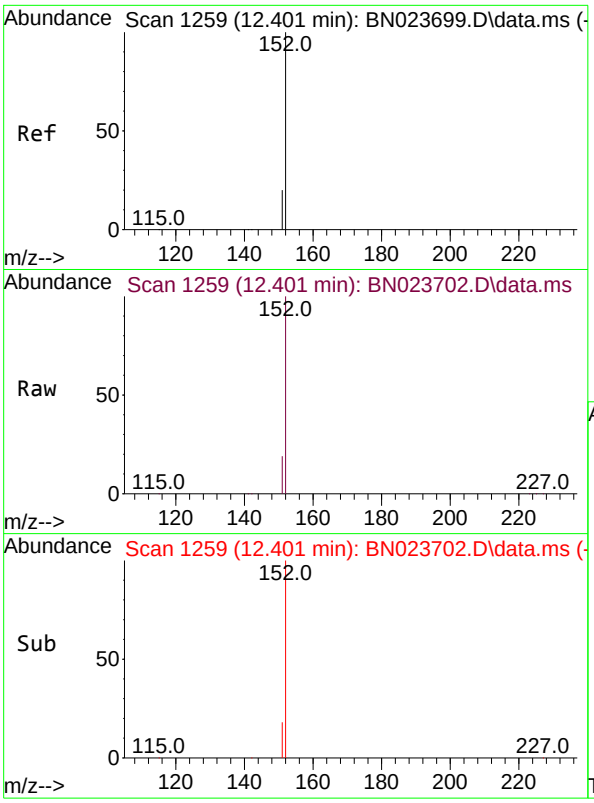


#10
Hexachlorobutadiene
Concen: 3.259 ng
RT: 11.150 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:225 Resp: 21435

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



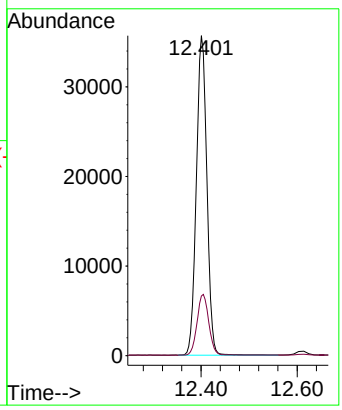


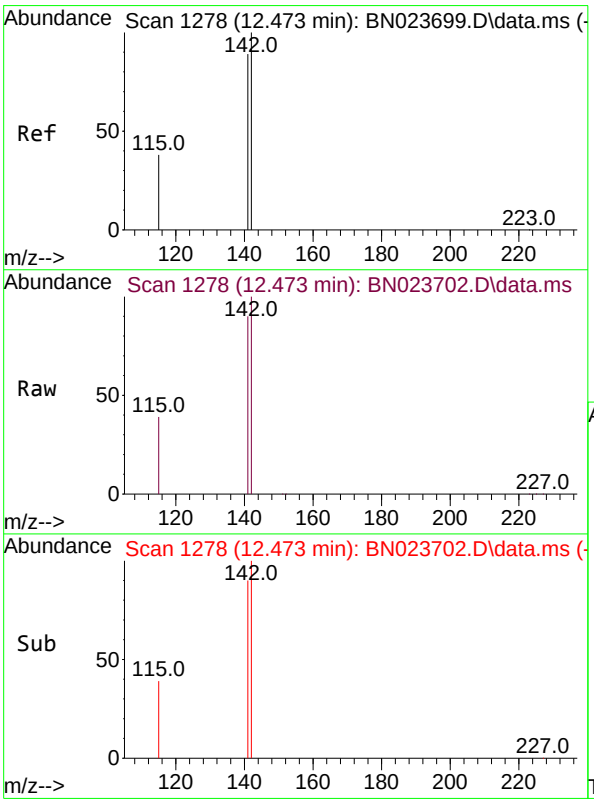
#11
2-Methylnaphthalene-d10
Concen: 4.005 ng
RT: 12.401 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 64641

Ion	Ratio	Lower	Upper
152	100		
151	17.6	17.1	25.7

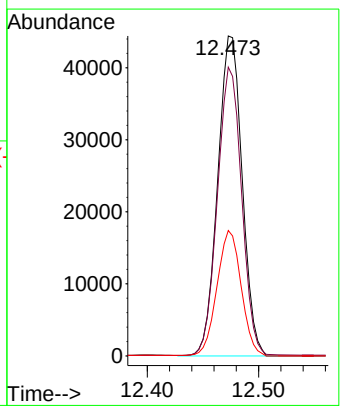


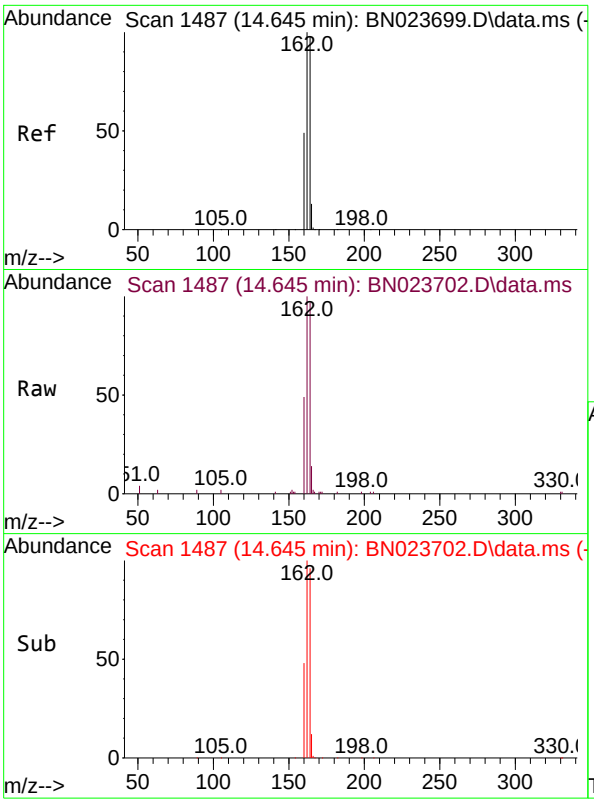


#12
2-Methylnaphthalene
Concen: 3.230 ng
RT: 12.473 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:142 Resp: 73417

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.0
115	39.2	31.2	46.8



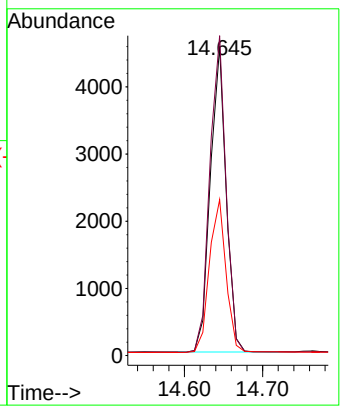


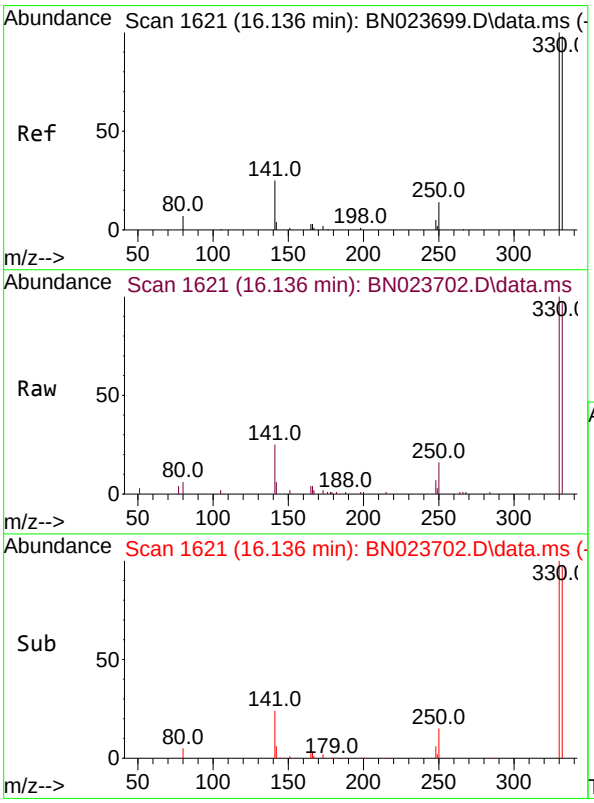
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 6398

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.8	122.6
160	50.4	40.3	60.5

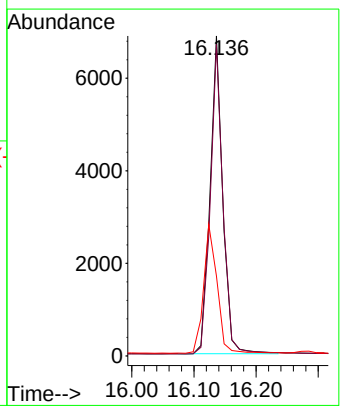


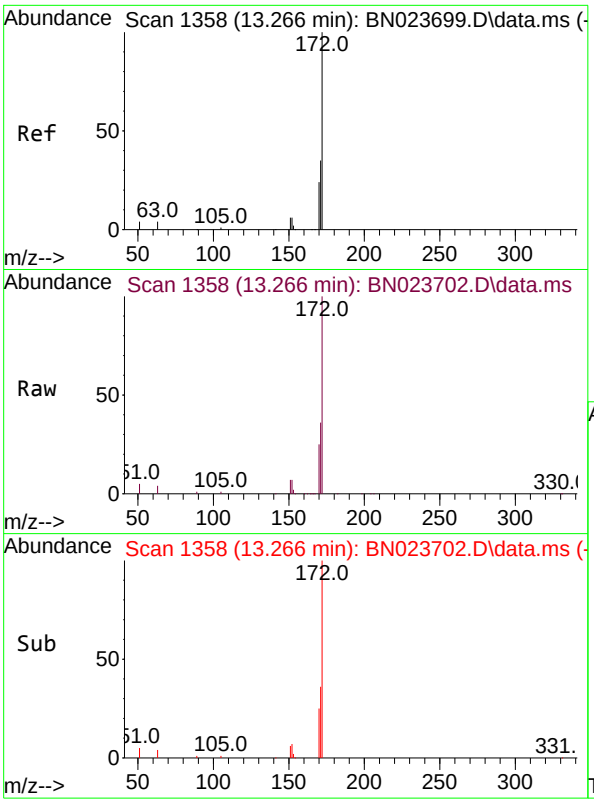


#14
2,4,6-Tribromophenol
Concen: 3.853 ng
RT: 16.136 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:330 Resp: 9756

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	42.7	35.0	52.4



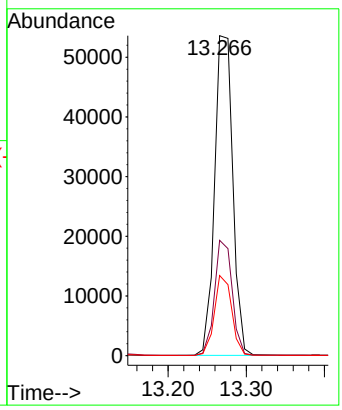


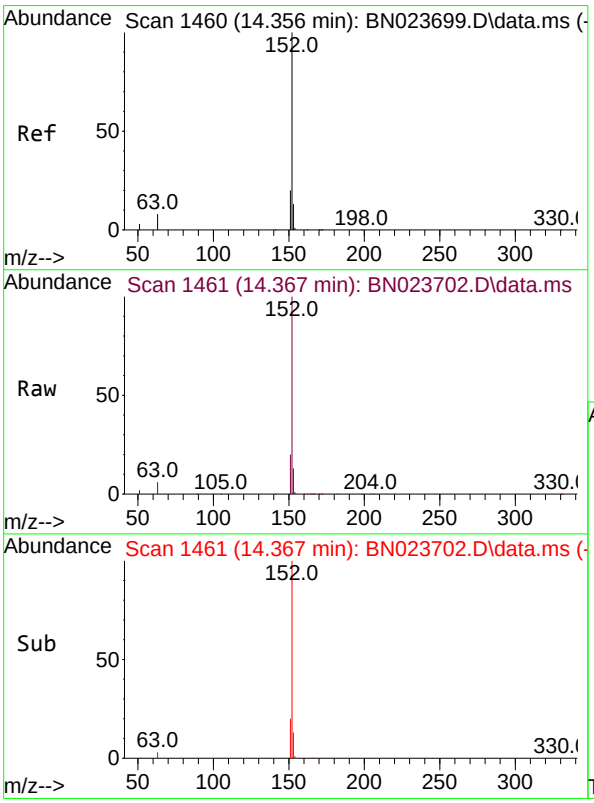
#15
2-Fluorobiphenyl
Concen: 3.175 ng
RT: 13.266 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 87080

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	25.0	20.0	30.0

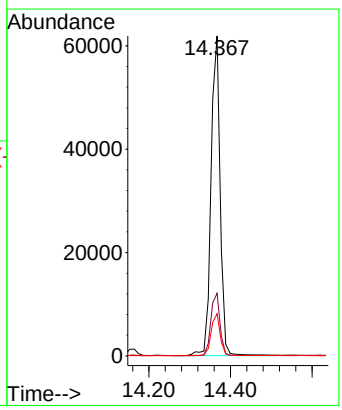


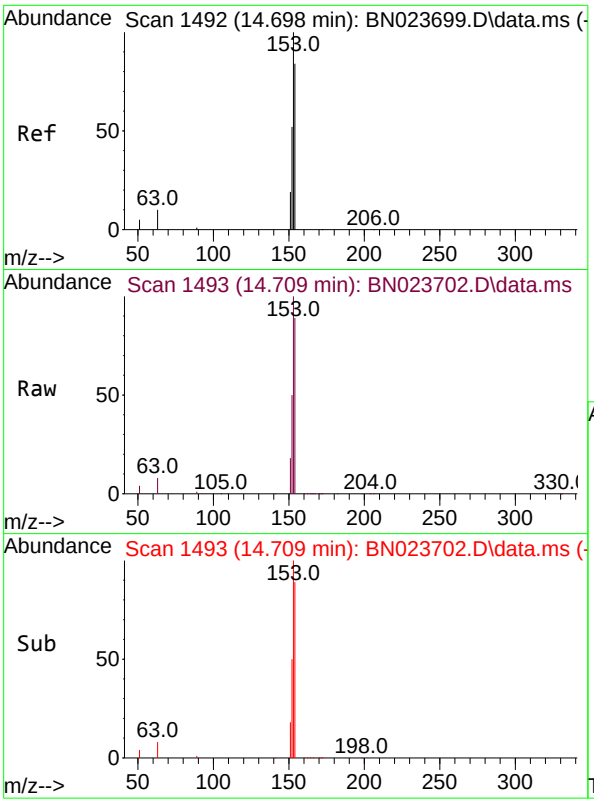


#16
Acenaphthylene
Concen: 3.940 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.011 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:152 Resp: 95891

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.4	15.6



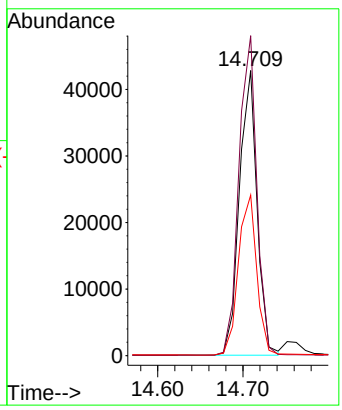


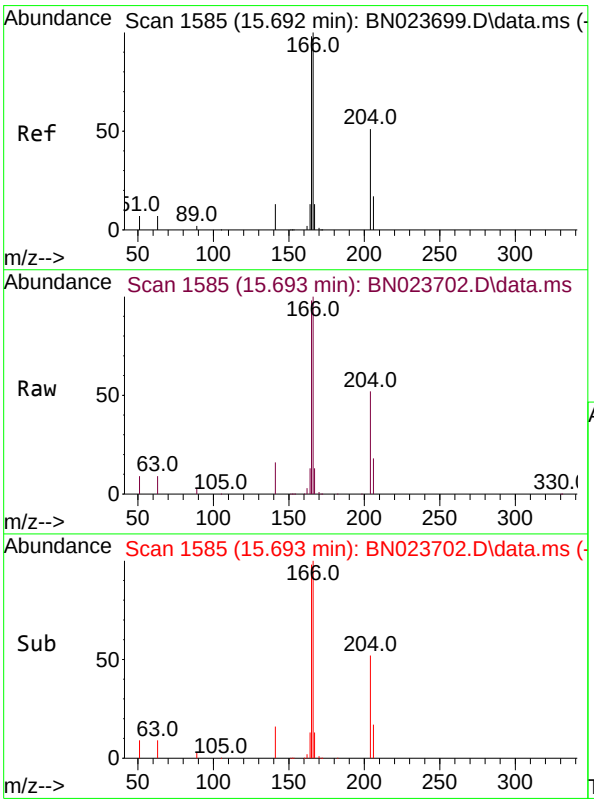
#17
Acenaphthene
Concen: 3.469 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 61760

Ion	Ratio	Lower	Upper
154	100		
153	114.0	93.3	139.9
152	58.8	48.1	72.1

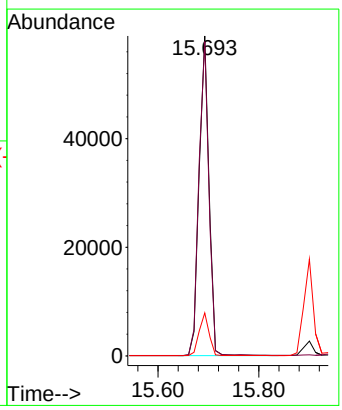


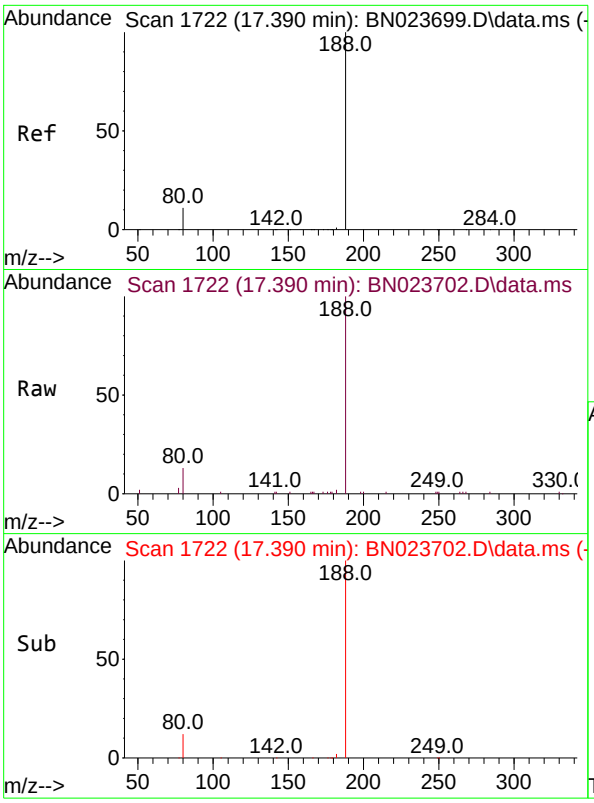


#18
Fluorene
Concen: 3.440 ng
RT: 15.693 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:166 Resp: 87016

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.6	121.0
167	12.6	10.8	16.2



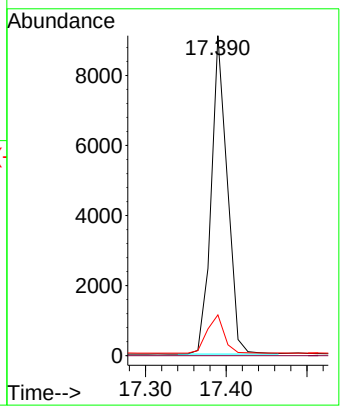


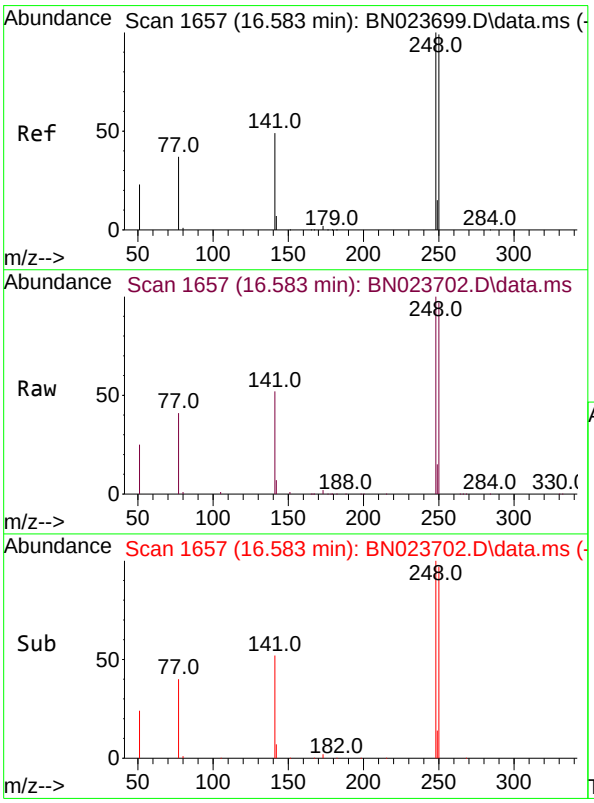
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.390 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 12576

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	9.5	14.3

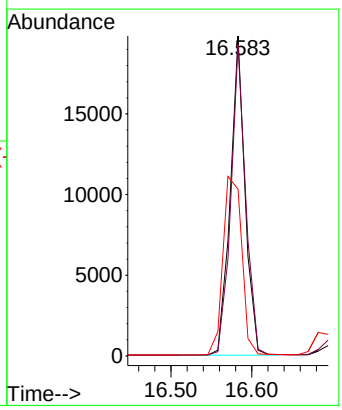


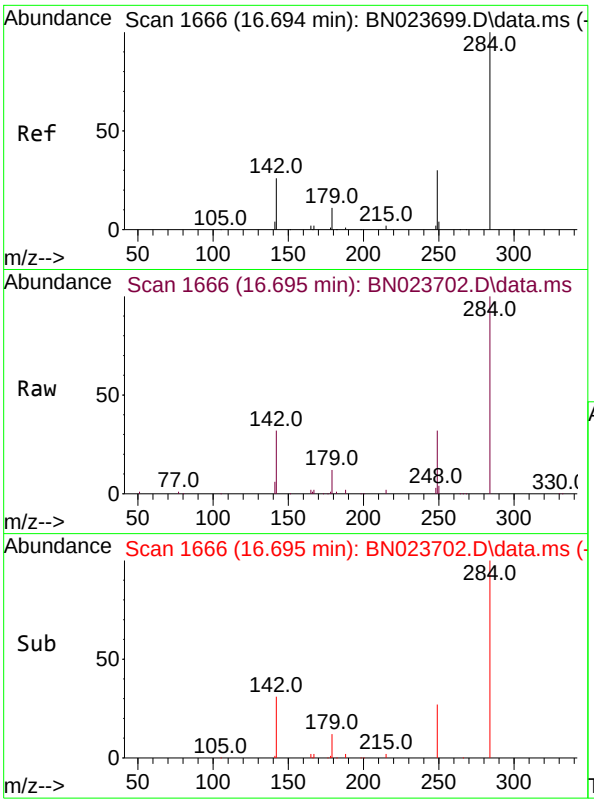


#21
4-Bromophenyl-phenylether
Concen: 3.628 ng
RT: 16.583 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:248 Resp: 25119

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.4	119.0
141	52.1	40.2	60.4



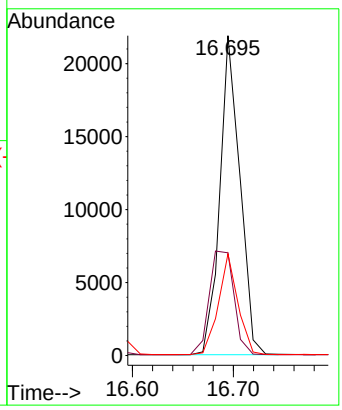


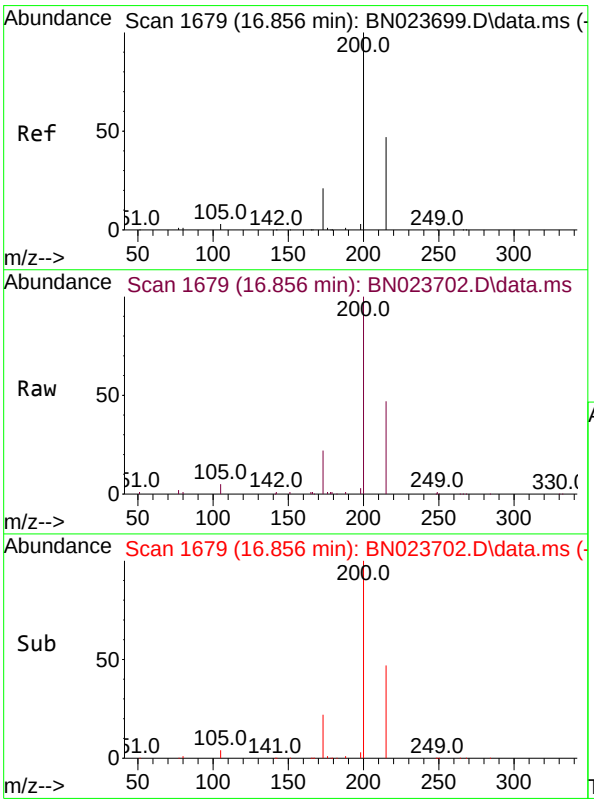
#22
Hexachlorobenzene
Concen: 3.509 ng
RT: 16.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 30218

Ion	Ratio	Lower	Upper
284	100		
142	39.9	32.3	48.5
249	30.5	25.0	37.4

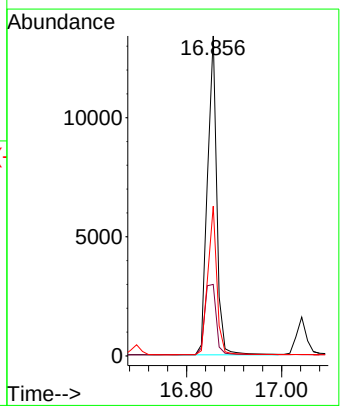


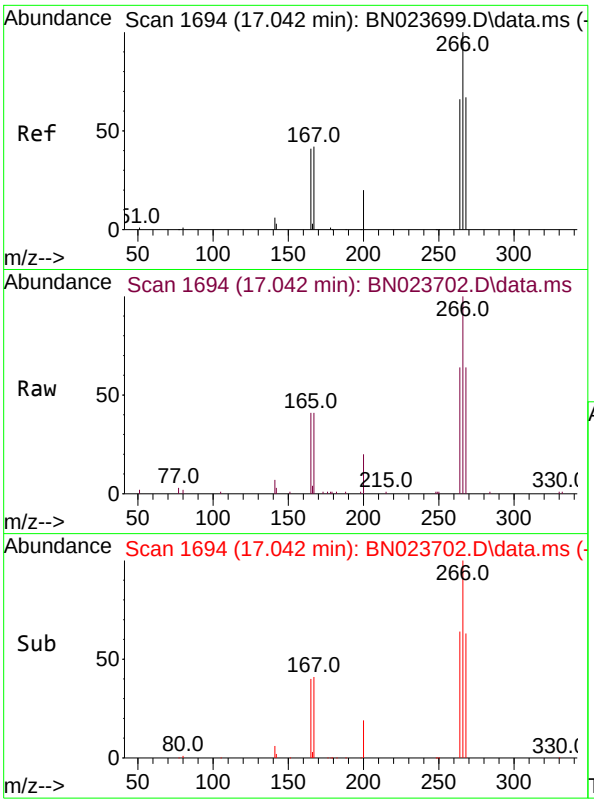


#23
Atrazine
Concen: 3.694 ng
RT: 16.856 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:200 Resp: 18061

Ion	Ratio	Lower	Upper
200	100		
173	22.3	19.0	28.4
215	46.8	39.2	58.8



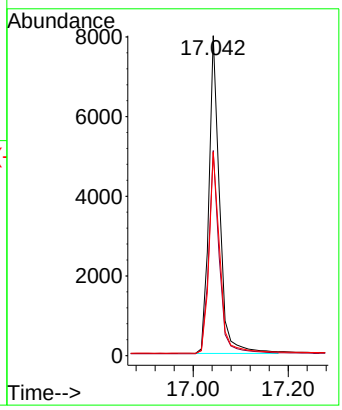


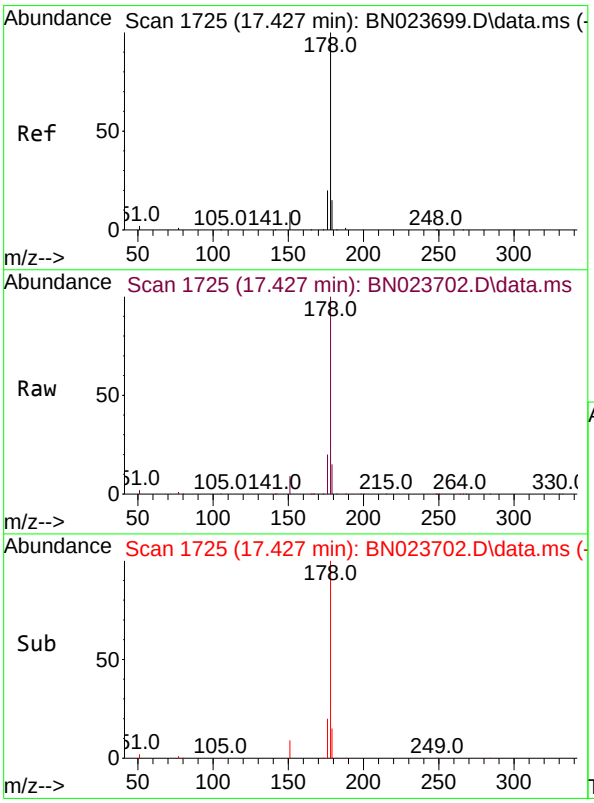
#24
Pentachlorophenol
Concen: 4.804 ng
RT: 17.042 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:266 Resp: 12427

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.4	77.2
268	64.0	52.3	78.5

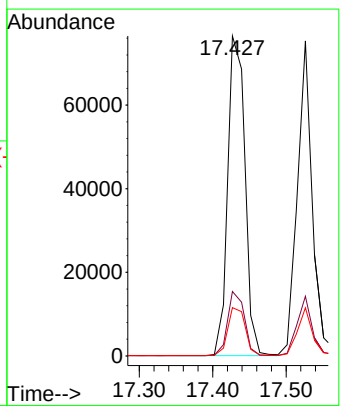


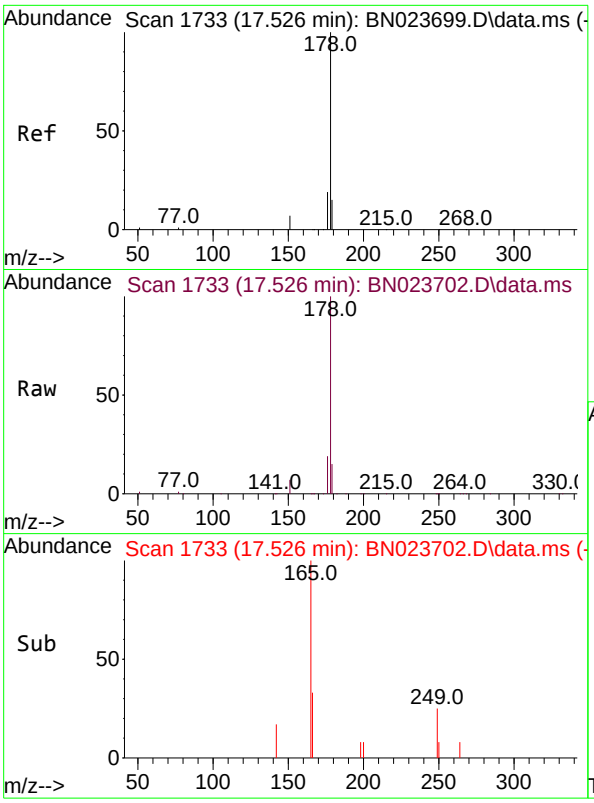


#25
Phenanthrene
Concen: 3.522 ng
RT: 17.427 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:178 Resp: 125386

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.2	18.4



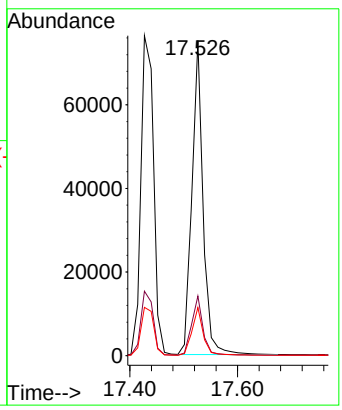


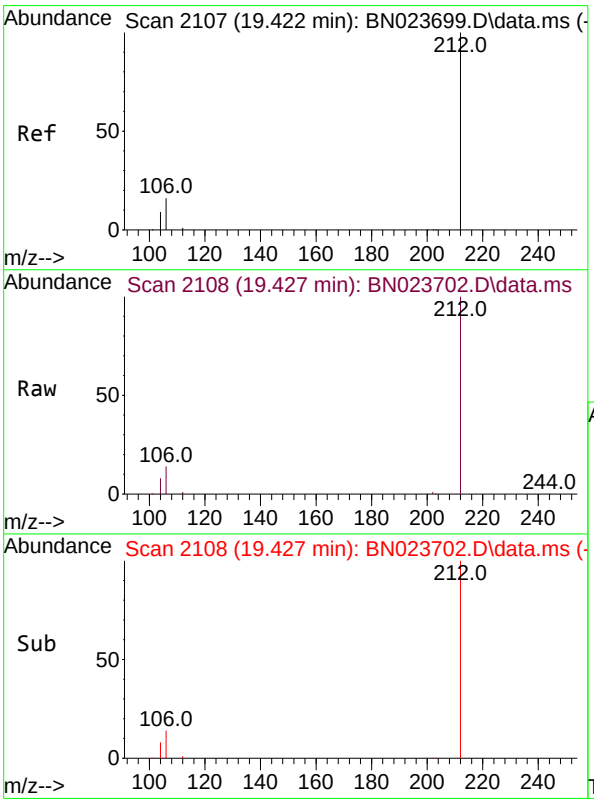
#26
Anthracene
Concen: 3.860 ng
RT: 17.526 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 107538

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.2	12.0	18.0

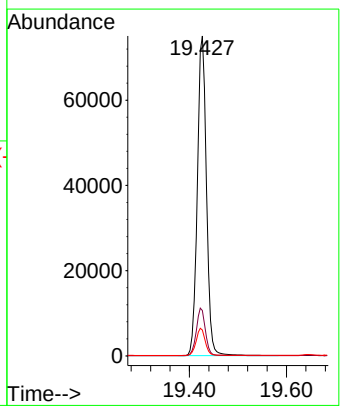


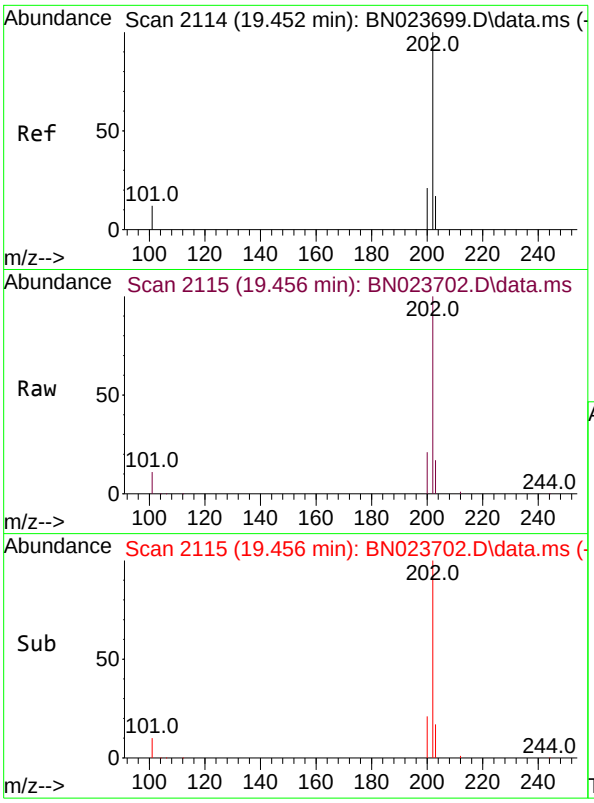


#27
Fluoranthene-d10
Concen: 3.390 ng
RT: 19.427 min Scan# 2108
Delta R.T. 0.004 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:212 Resp: 97463

Ion	Ratio	Lower	Upper
212	100		
106	14.8	12.4	18.6
104	8.5	7.1	10.7



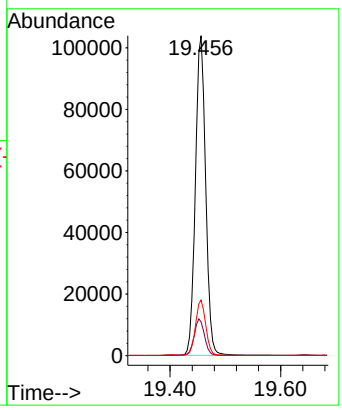


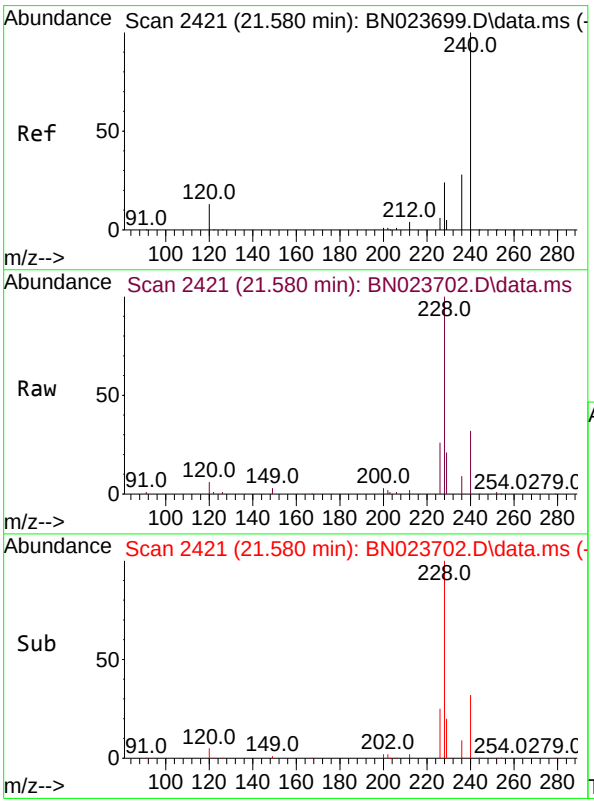
#28
Fluoranthene
Concen: 3.435 ng
RT: 19.456 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 133293

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
203	17.3	13.6	20.4

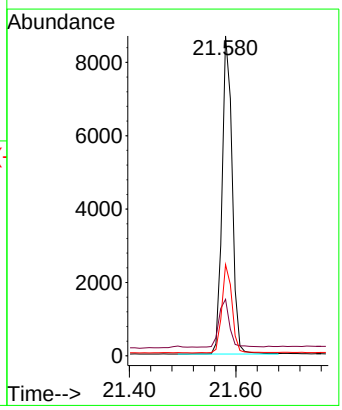


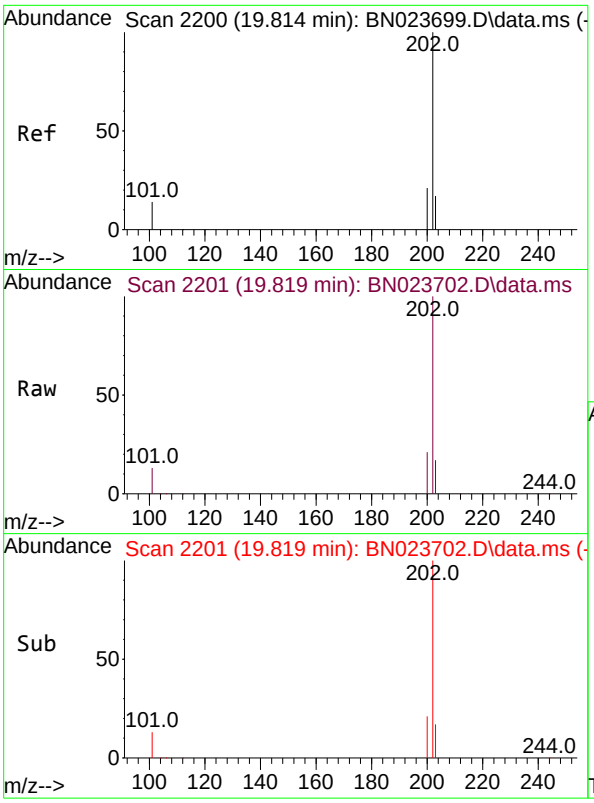


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.580 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:240 Resp: 11346

Ion	Ratio	Lower	Upper
240	100		
120	17.7	12.0	18.0
236	28.5	22.8	34.2



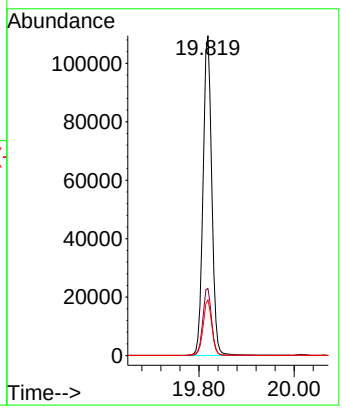


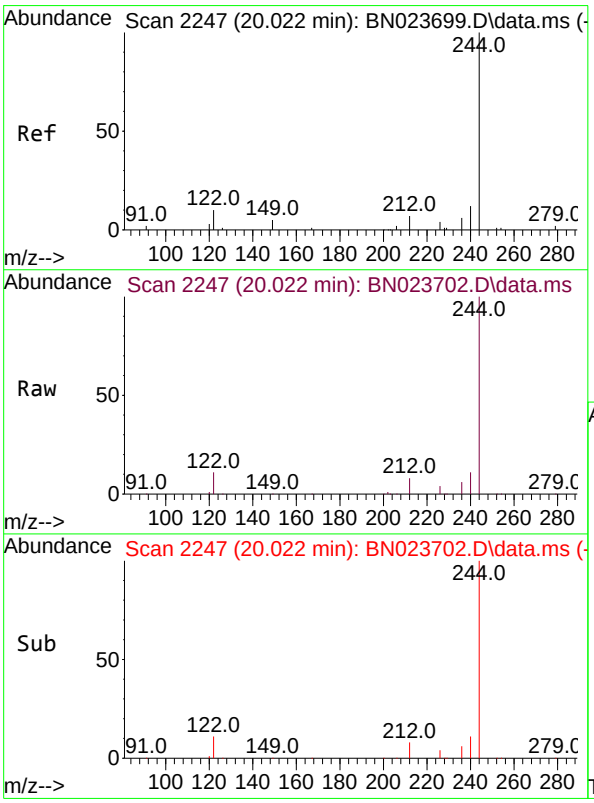
#30
Pyrene
Concen: 3.364 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 139232

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.4	21.6

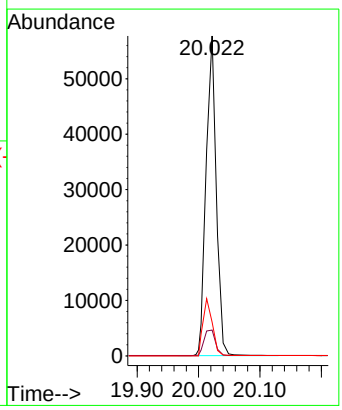


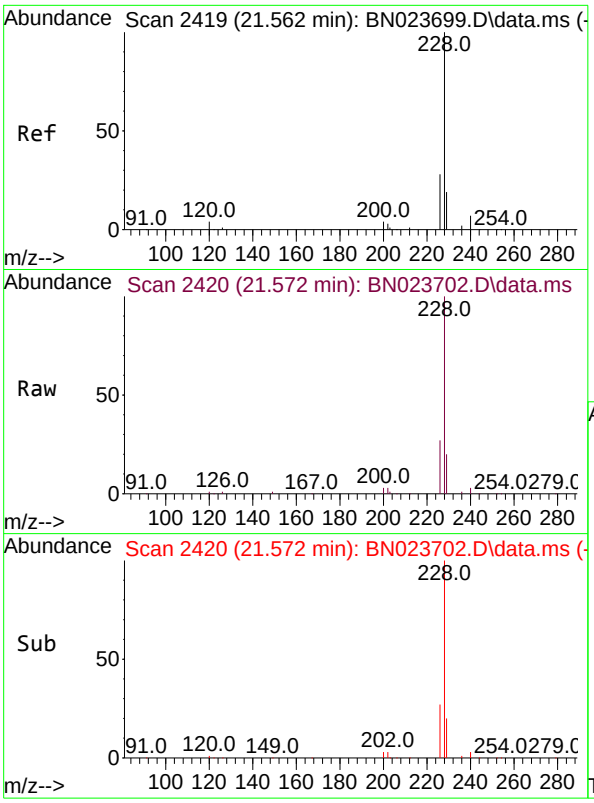


#31
Terphenyl-d14
Concen: 3.008 ng
RT: 20.022 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:244 Resp: 53950

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.5	7.6	11.4



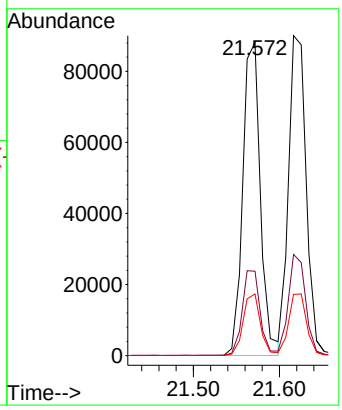


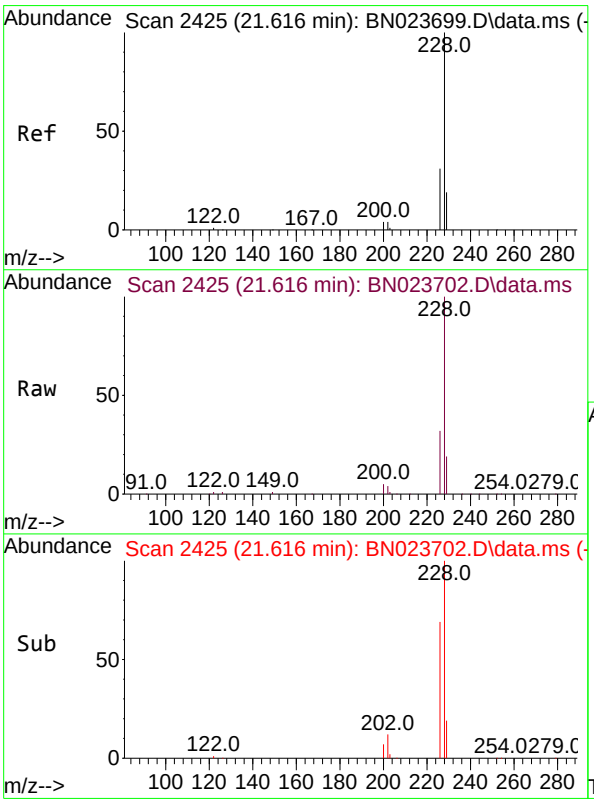
#32
Benzo(a)anthracene
Concen: 3.576 ng
RT: 21.572 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 124730

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.4	33.6
229	19.7	15.5	23.3

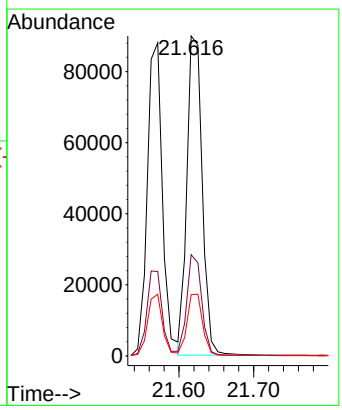


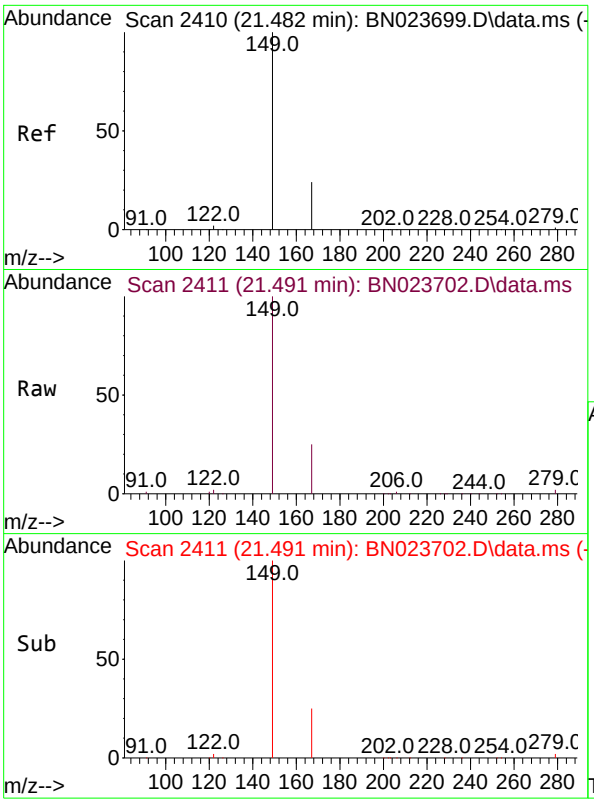


#33
Chrysene
Concen: 3.185 ng
RT: 21.616 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:228 Resp: 128568

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	36.8
229	19.1	15.4	23.0



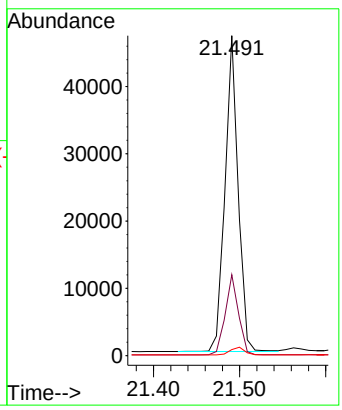


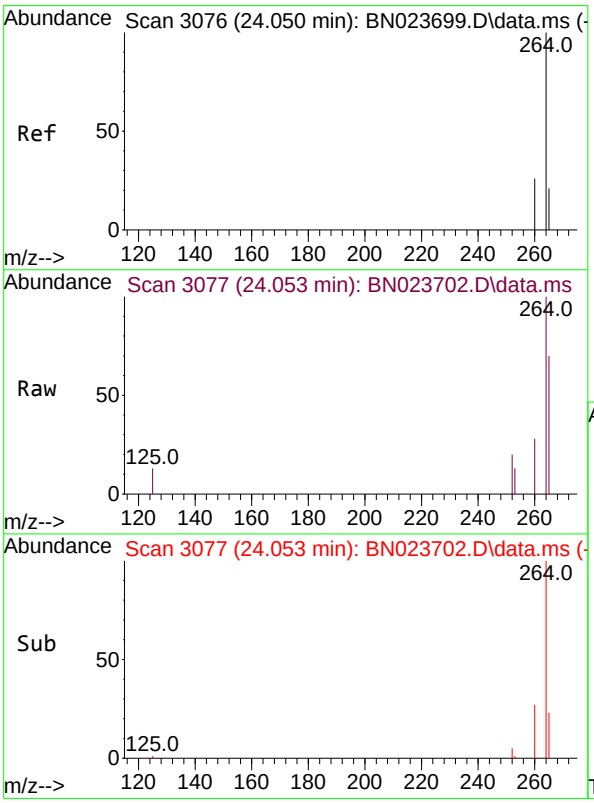
#34
Bis(2-ethylhexyl)phthalate
Concen: 3.084 ng
RT: 21.491 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 49834

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	2.7	2.5	3.7

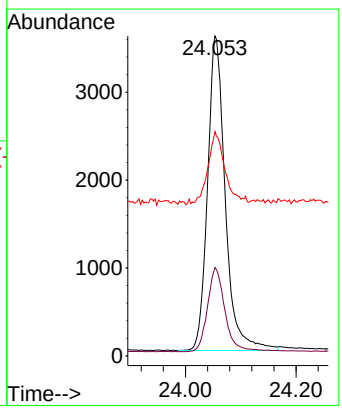


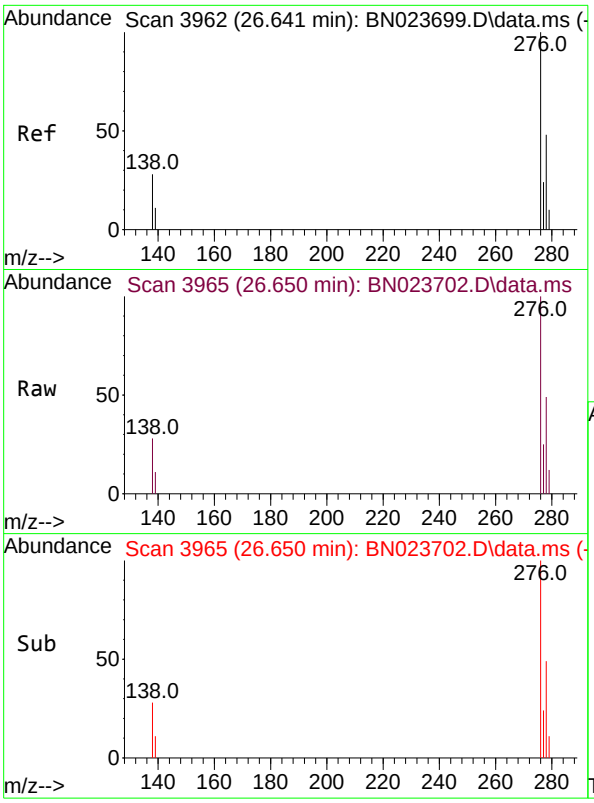


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.053 min Scan# 3077
Delta R.T. 0.003 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:264 Resp: 7947

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.0	31.6
265	70.1	49.9	74.9



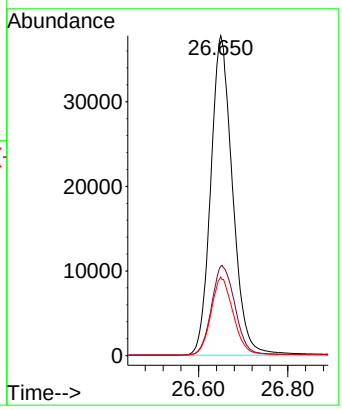


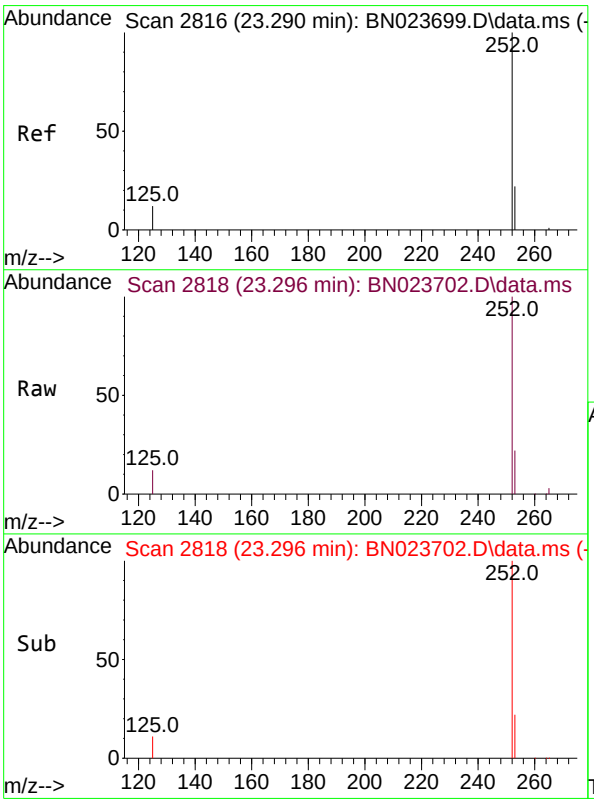
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.763 ng
RT: 26.650 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 128012

Ion	Ratio	Lower	Upper
276	100		
138	30.2	24.0	36.0
277	24.9	19.8	29.8

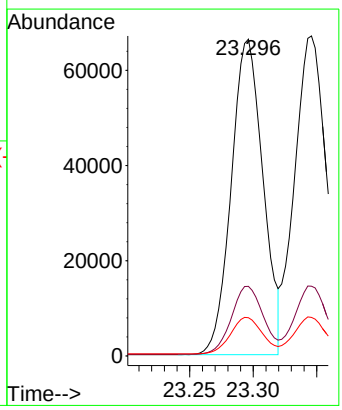


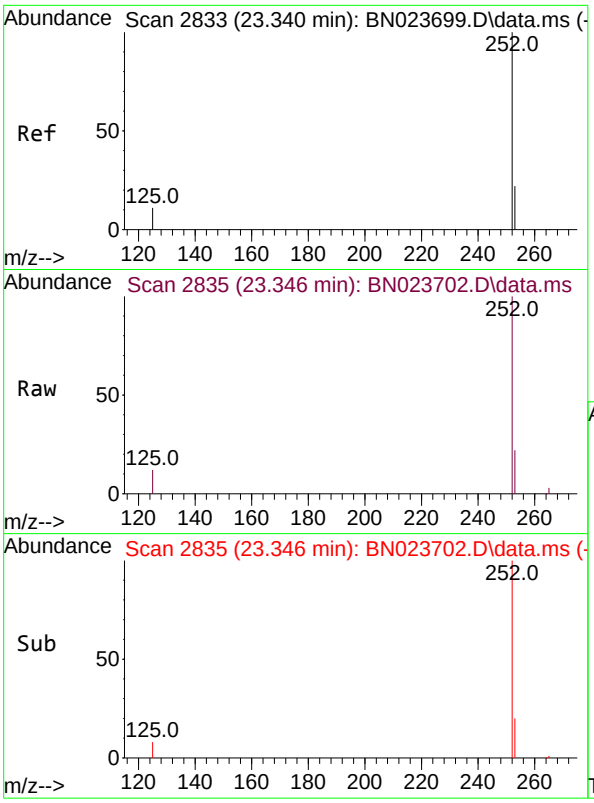


#37
Benzo(b)fluoranthene
Concen: 3.574 ng
RT: 23.296 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:252 Resp: 115203

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.9	29.9
125	12.0	13.2	19.8#



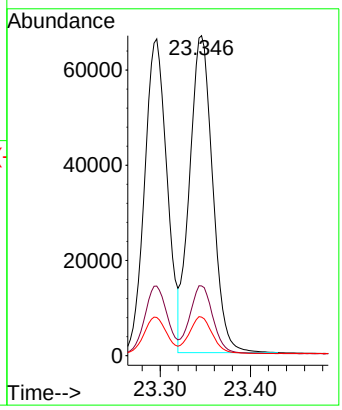


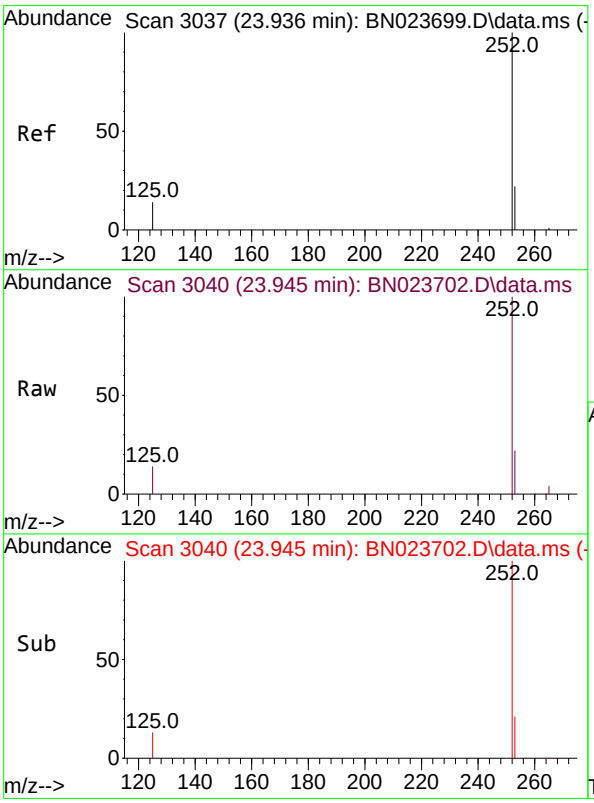
#38
Benzo(k)fluoranthene
Concen: 3.732 ng
RT: 23.346 min Scan# 28
Delta R.T. 0.006 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 118585

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.2	30.2
125	12.1	12.8	19.2#

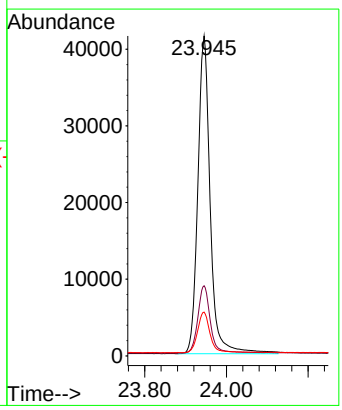


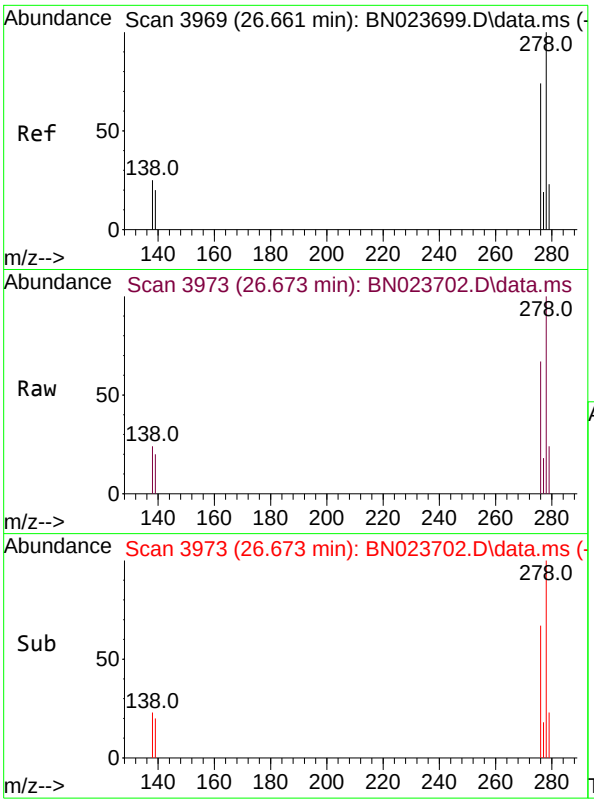


#39
Benzo(a)pyrene
Concen: 3.757 ng
RT: 23.945 min Scan# 3040
Delta R.T. 0.009 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:252 Resp: 87127

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.4	33.6#
125	13.7	17.7	26.5#



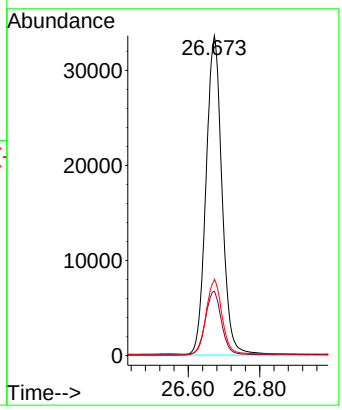


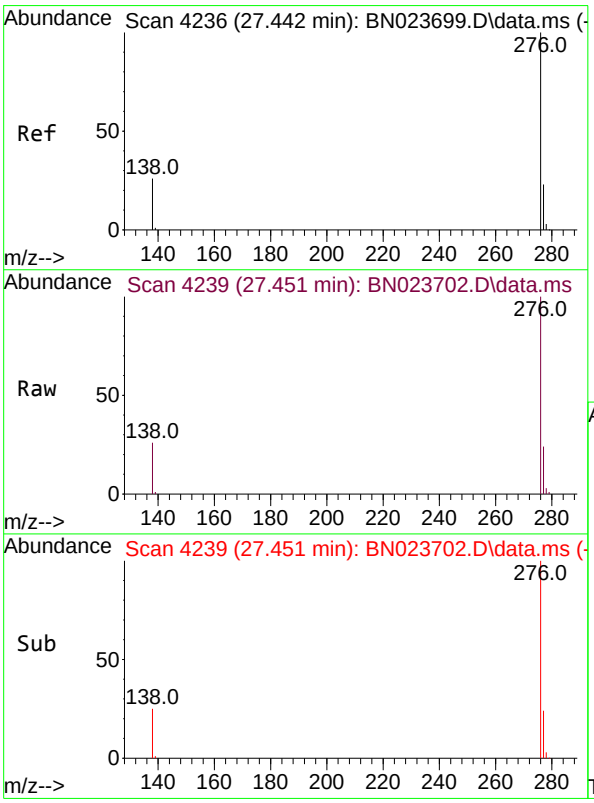
#40
Dibenzo(a,h)anthracene
Concen: 3.836 ng
RT: 26.673 min Scan# 3
Delta R.T. 0.012 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 104559

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.2	25.8
279	23.8	21.4	32.2





#41
Benzo(g,h,i)perylene
Concen: 3.672 ng
RT: 27.451 min Scan# 4239
Delta R.T. 0.009 min
Lab File: BN023702.D
Acq: 18 Jan 2023 14:26

Tgt Ion:276 Resp: 107451

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	25.6	21.8	32.8