Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029042.D
Acq On : 05 Dec 2023 19:27
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Dec 06 00:40:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:39:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	764	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	1584	0.400	ng	#	0.00
13) Acenaphthene-d10	14.396	164	1487	0.400	ng		0.00
19) Phenanthrene-d10	17.147	188	3983	0.400	ng		0.00
29) Chrysene-d12	21.347	240	3105	0.400	ng	#	0.00
35) Perylene-d12	23.673	264	3056	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	358	0.160	ng		0.00
5) Phenol-d6	6.981	99	423	0.168	ng		0.00
8) Nitrobenzene-d5	8.950	82	386	0.237	ng		0.01
11) 2-Methylnaphthalene-d10	12.148	152	649	0.245	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	350	0.325	ng		0.01
15) 2-Fluorobiphenyl	13.039	172	1488	0.226	ng		0.01
27) Fluoranthene-d10	19.186	212	2474	0.227	ng		0.00
31) Terphenyl-d14	19.799	244	1515	0.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	123	0.171	ng	#	87
3) n-Nitrosodimethylamine	3.723	42	26	0.028	ng	#	1
6) bis(2-Chloroethyl)ether	7.233	93	275	0.132	ng		95
9) Naphthalene	10.605	128	1031	0.206	ng	#	88
10) Hexachlorobutadiene	10.883	225	450	0.378	ng	#	99
12) 2-Methylnaphthalene	12.223	142	808	0.247	ng		98
16) Acenaphthylene	14.118	152	1582	0.200	ng		98
17) Acenaphthene	14.460	154	1008	0.193	ng		97
18) Fluorene	15.455	166	1585	0.231	ng		99
20) 4,6-Dinitro-2-methylph...	15.545	198	197	0.220	ng	#	45
21) 4-Bromophenyl-phenylether	16.352	248	696	0.244	ng	#	95
22) Hexachlorobenzene	16.439	284	818	0.237	ng		99
23) Atrazine	16.638	200	616	0.247	ng	#	91
24) Pentachlorophenol	16.811	266	427	0.261	ng		97
25) Phenanthrene	17.196	178	2645	0.200	ng		99
26) Anthracene	17.283	178	2466	0.202	ng		98
28) Fluoranthene	19.218	202	3678	0.256	ng		99
30) Pyrene	19.580	202	3771	0.198	ng		99
32) Benzo(a)anthracene	21.338	228	2992	0.221	ng		98
33) Chrysene	21.383	228	2958	0.222	ng		97
34) Bis(2-ethylhexyl)phtha...	21.275	149	1874	0.111	ng		98
36) Indeno(1,2,3-cd)pyrene	26.052	276	2938	0.214	ng		97
37) Benzo(b)fluoranthene	22.965	252	3131	0.240	ng	#	80
38) Benzo(k)fluoranthene	23.015	252	2803	0.228	ng	#	76
39) Benzo(a)pyrene	23.567	252	2524	0.218	ng	#	72
40) Dibenzo(a,h)anthracene	26.079	278	2227	0.210	ng	#	75
41) Benzo(g,h,i)perylene	26.778	276	2542	0.214	ng	#	89

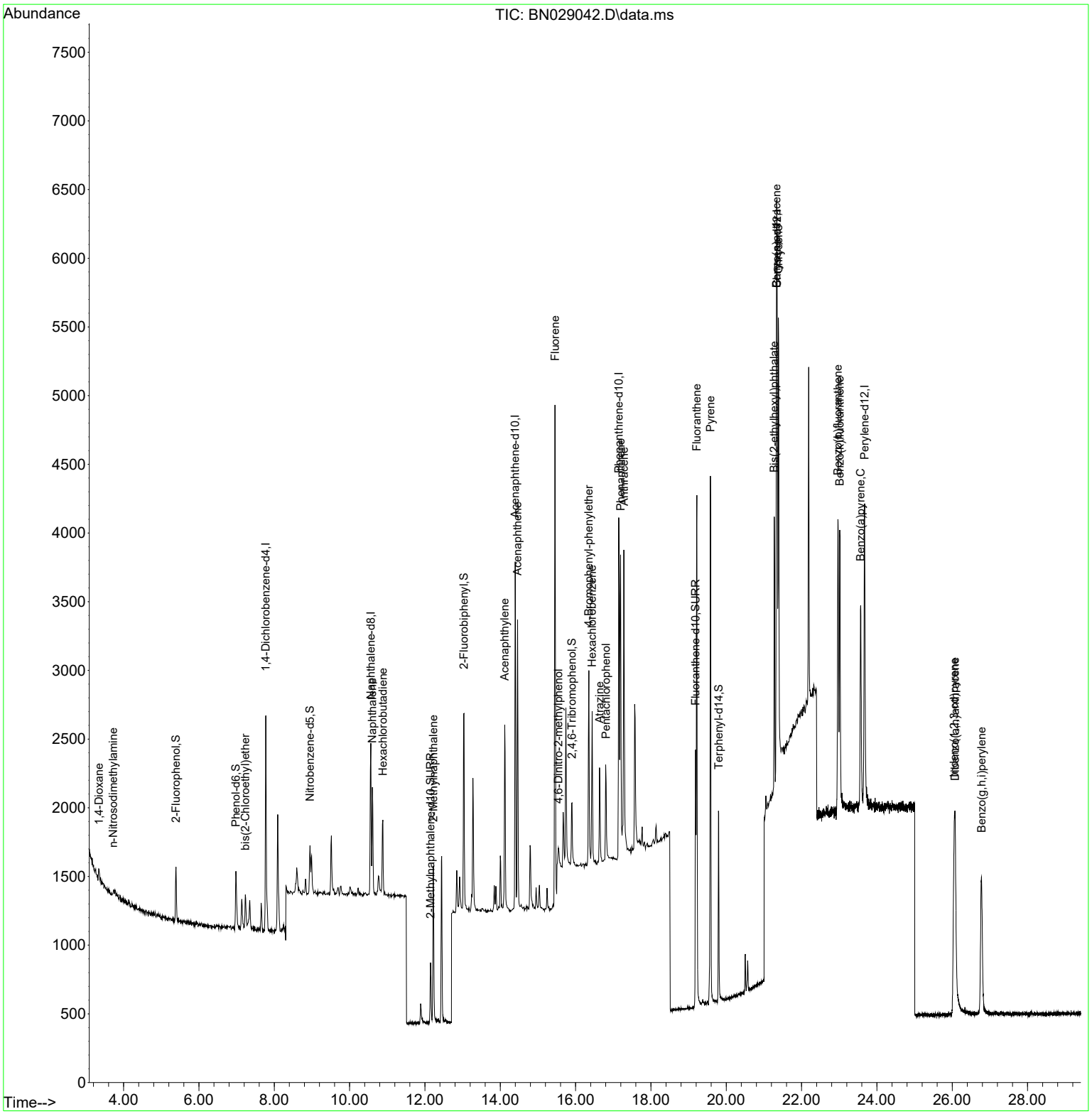
(#) = qualifier out of range (m) = manual integration (+) = signals summed

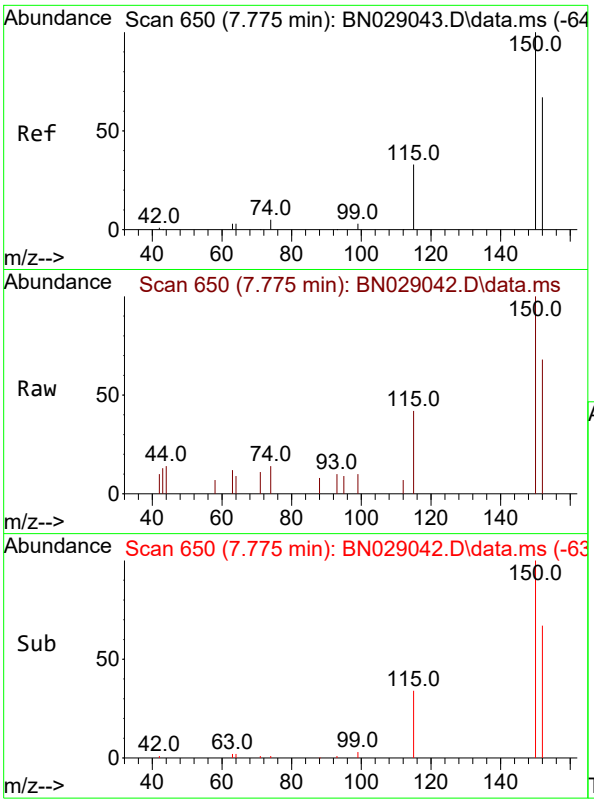
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029042.D
Acq On : 05 Dec 2023 19:27
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Dec 06 00:40:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:39:04 2023
Response via : Initial Calibration



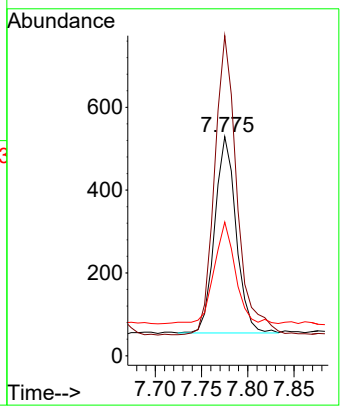


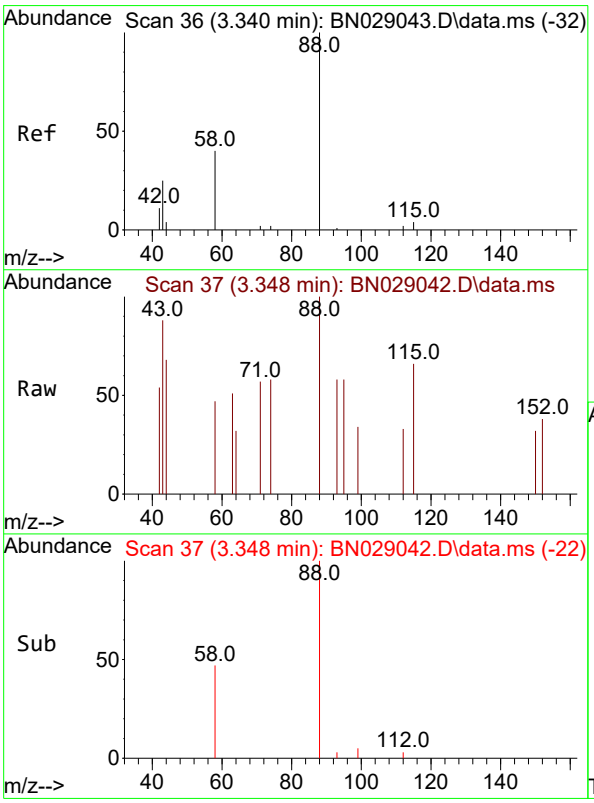
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 764

Ion	Ratio	Lower	Upper
152	100		
150	146.1	116.2	174.4
115	61.1	45.1	67.7

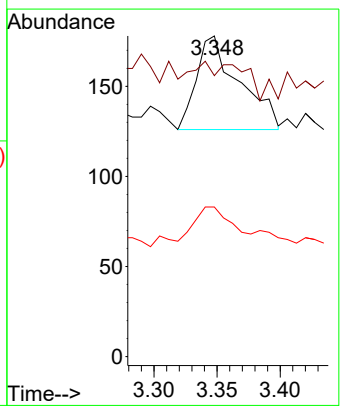


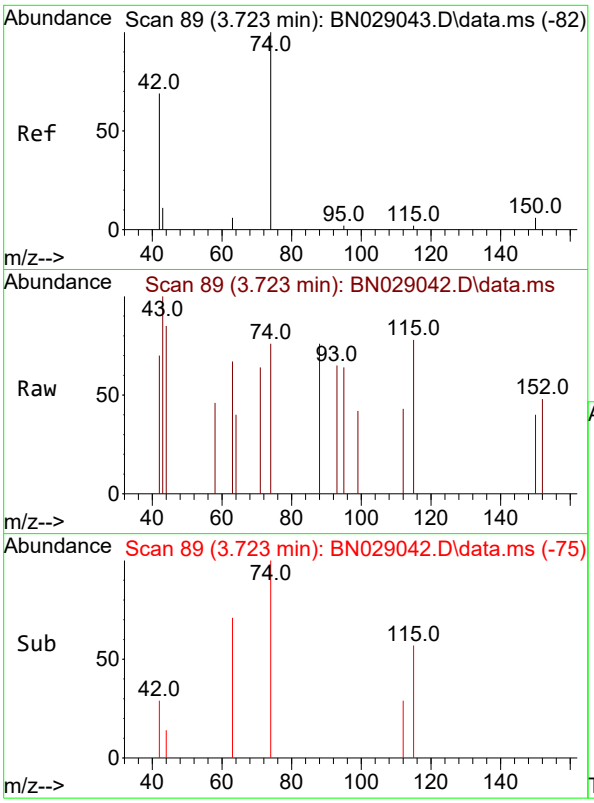


#2
1,4-Dioxane
Concen: 0.171 ng
RT: 3.348 min Scan# 37
Delta R.T. 0.007 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion: 88 Resp: 123

Ion	Ratio	Lower	Upper
88	100		
43	4.1	15.6	23.4#
58	43.9	33.2	49.8



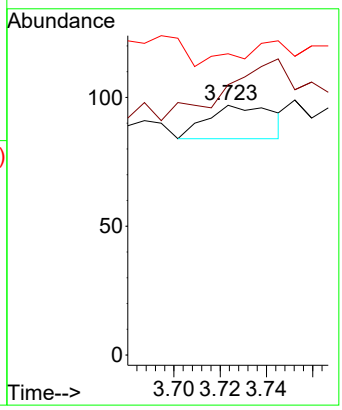


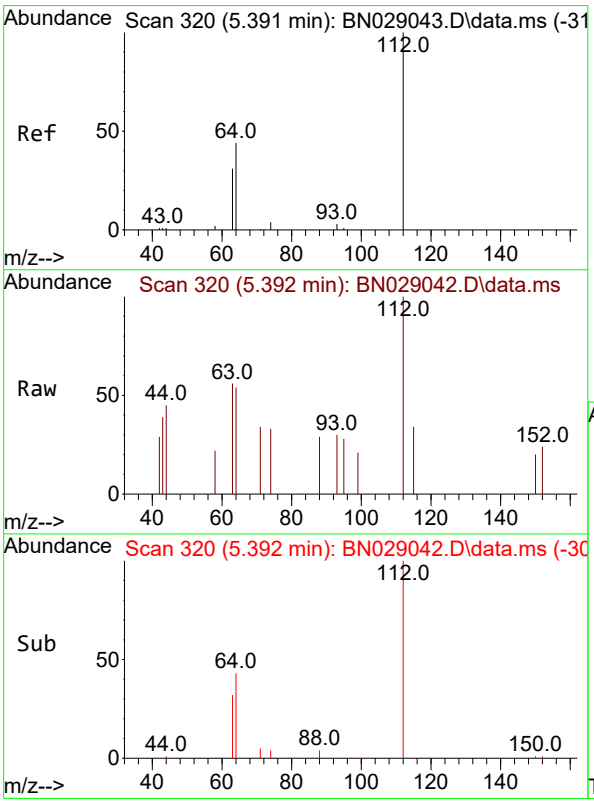
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.723 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.3	159.5#
44	0.0	0.0	0.0

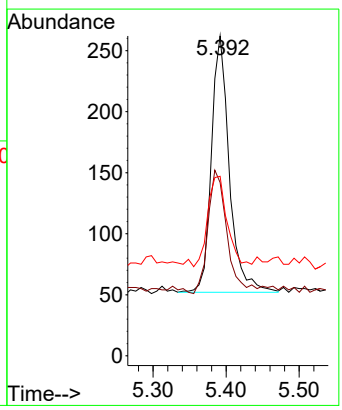


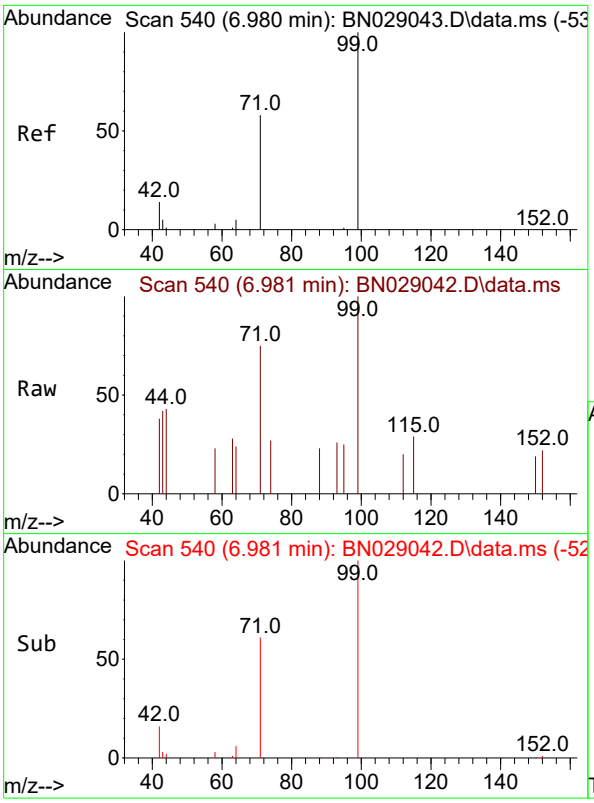


#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:112 Resp: 358

Ion	Ratio	Lower	Upper
112	100		
64	50.8	37.0	55.6
63	38.3	29.0	43.6



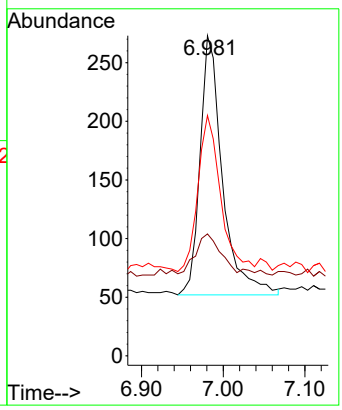


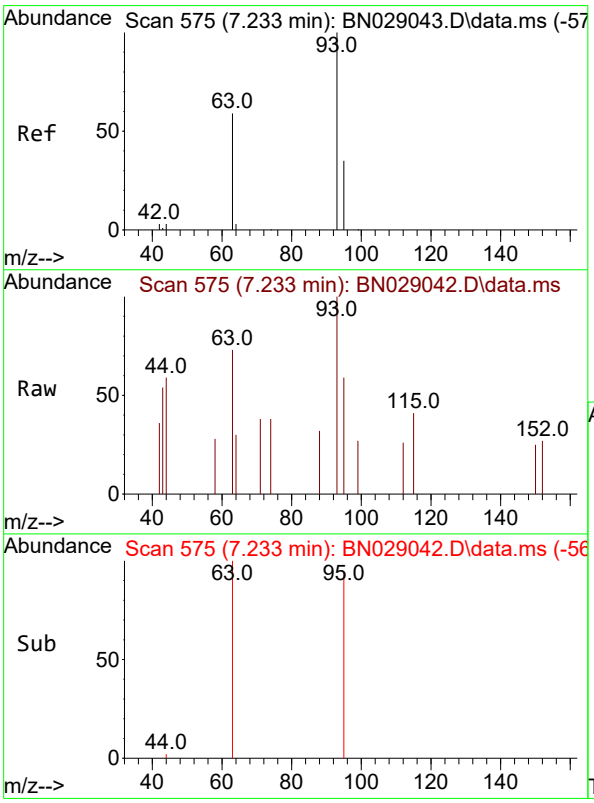
#5
Phenol-d6
Concen: 0.168 ng
RT: 6.981 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 423

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.4	20.2
71	61.2	47.8	71.6

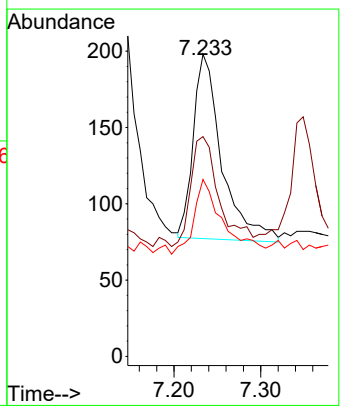


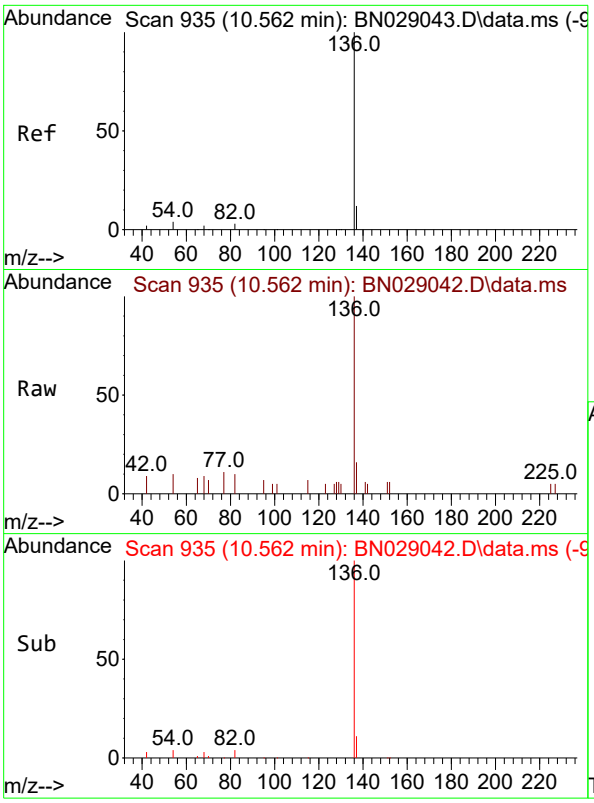


#6
bis(2-Chloroethyl)ether
Concen: 0.132 ng
RT: 7.233 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion: 93 Resp: 275

Ion	Ratio	Lower	Upper
93	100		
63	61.5	48.4	72.6
95	41.5	28.1	42.1



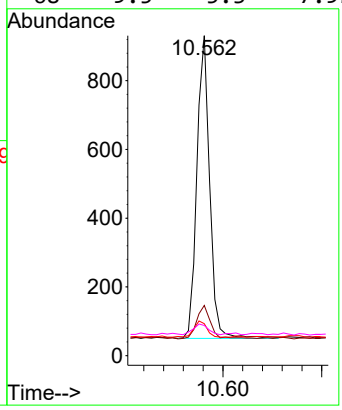


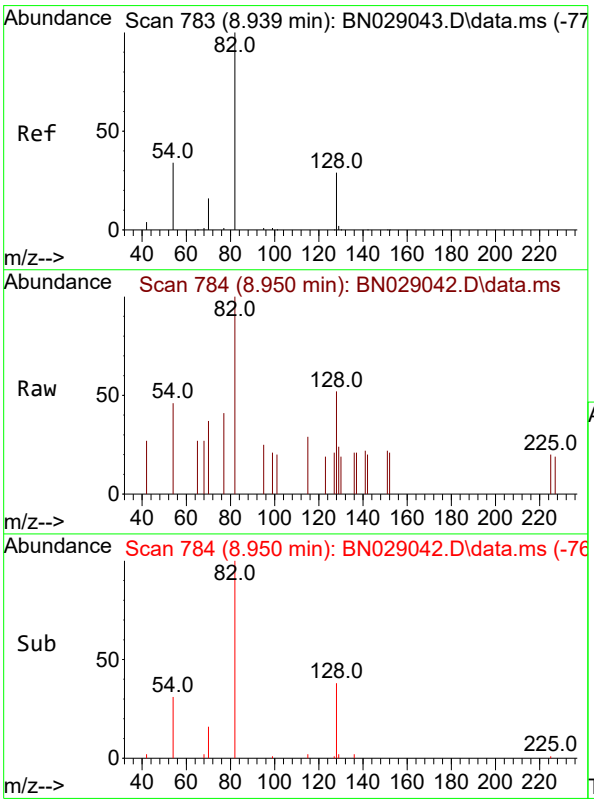
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 1584

Ion	Ratio	Lower	Upper
136	100		
137	15.7	11.9	17.9
54	10.0	6.4	9.6#
68	9.5	5.3	7.9#

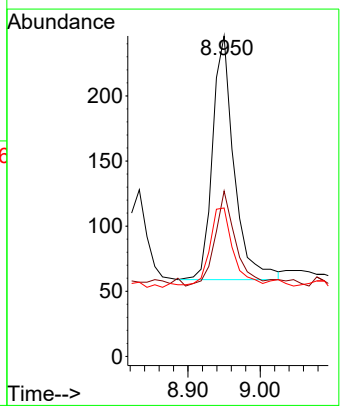


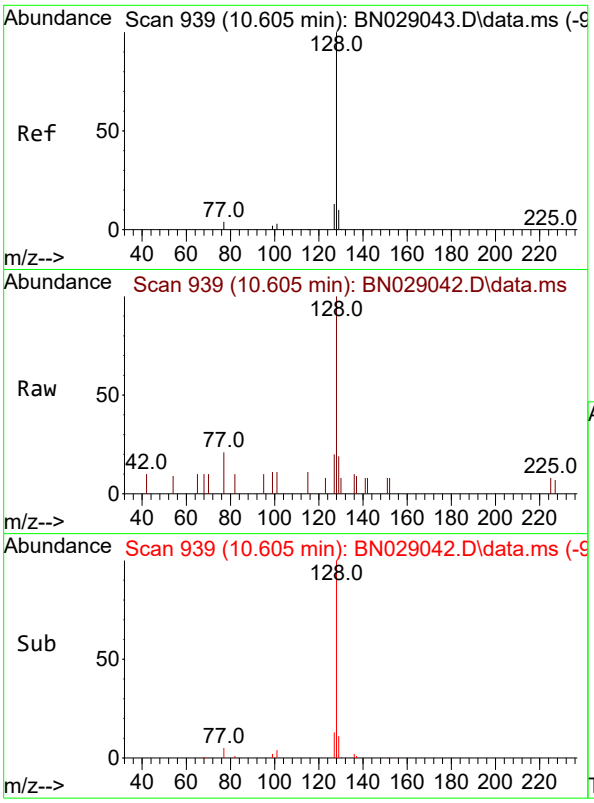


#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.950 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion: 82 Resp: 386

Ion	Ratio	Lower	Upper
82	100		
128	51.6	28.2	42.4#
54	46.3	32.1	48.1



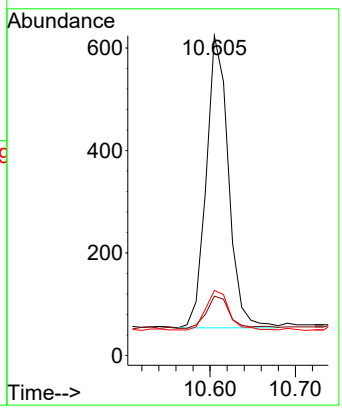


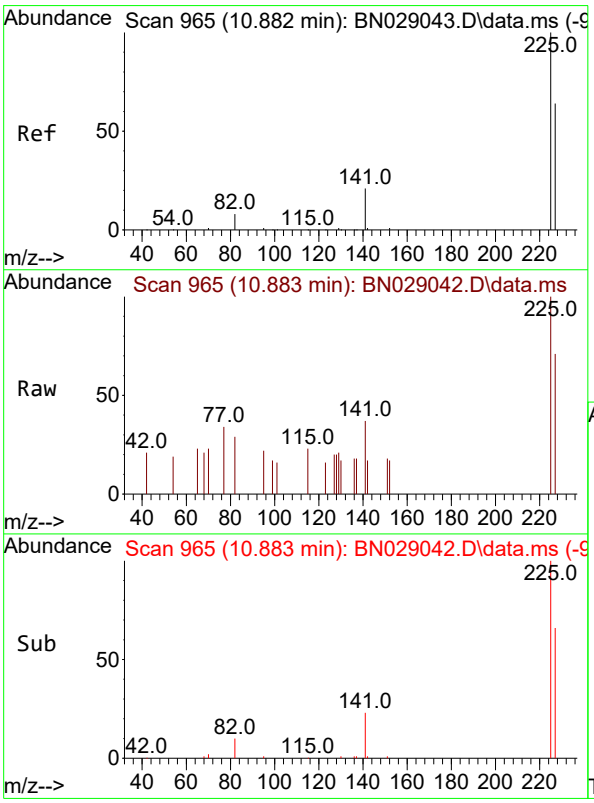
#9
Naphthalene
Concen: 0.206 ng
RT: 10.605 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1031

Ion	Ratio	Lower	Upper
128	100		
129	18.6	10.5	15.7#
127	20.4	12.5	18.7#

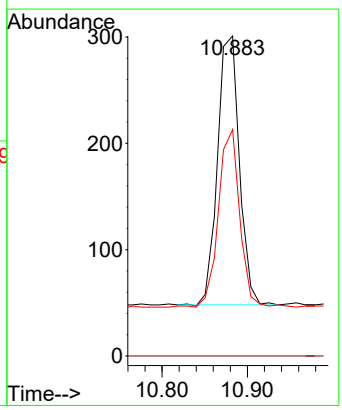


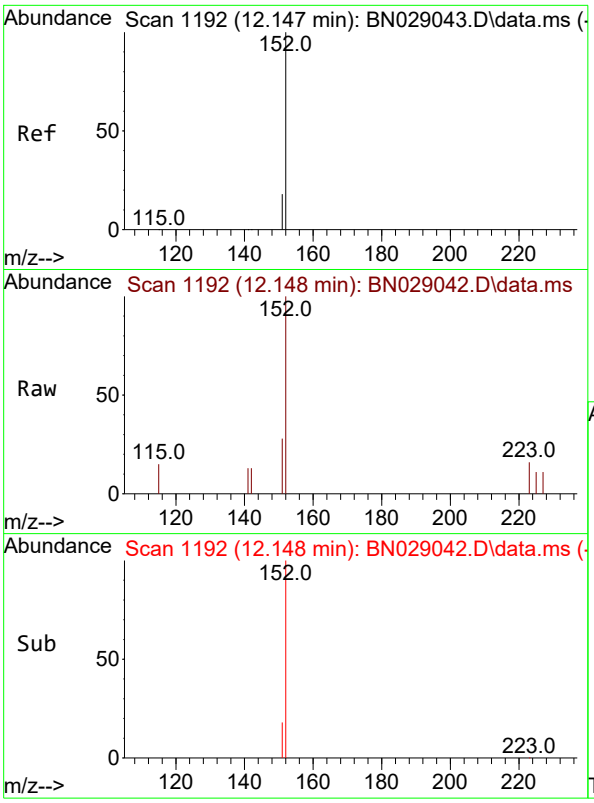


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.883 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:225 Resp: 450

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.7	76.1



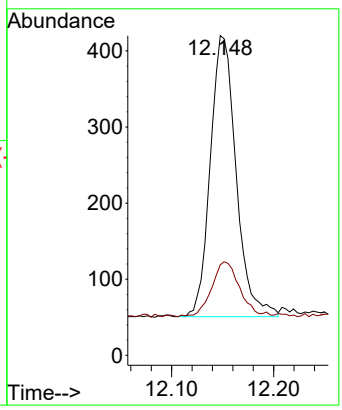


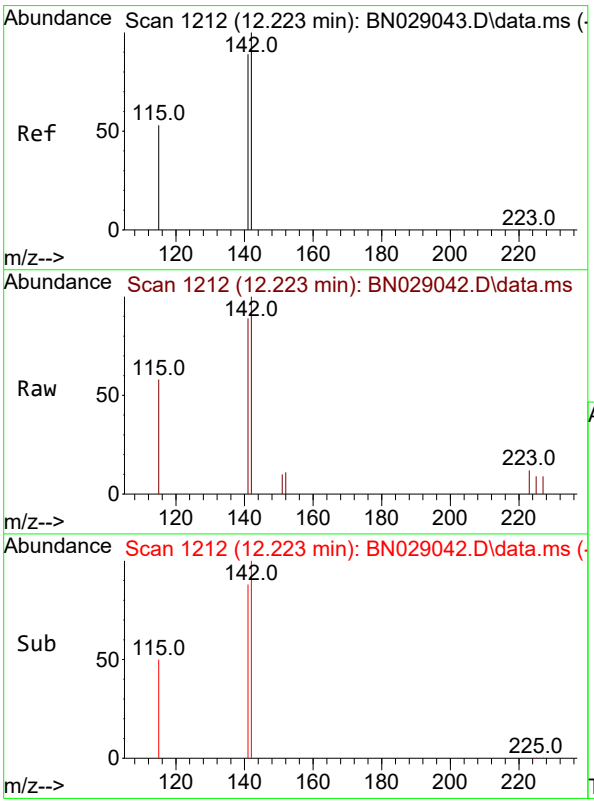
#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.148 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 649

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.0

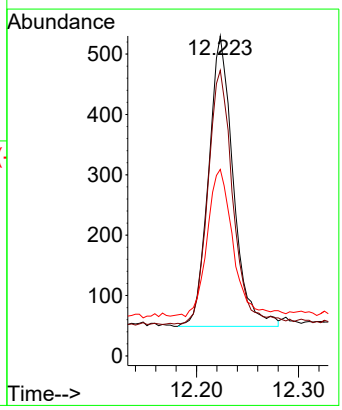


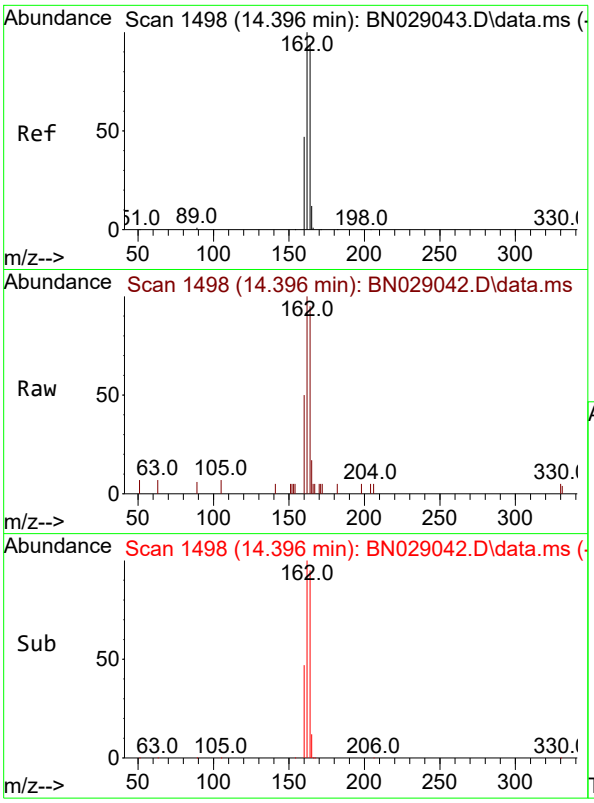


#12
2-Methylnaphthalene
Concen: 0.247 ng
RT: 12.223 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:142 Resp: 808

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7
115	58.3	44.6	66.8



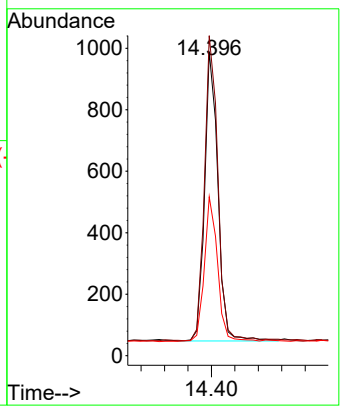


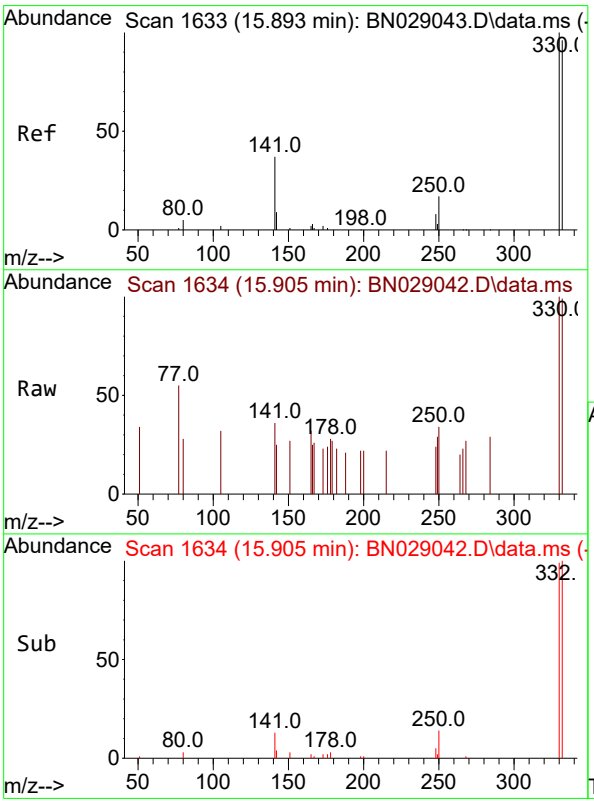
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 1487

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.0	127.6
160	52.3	41.3	61.9

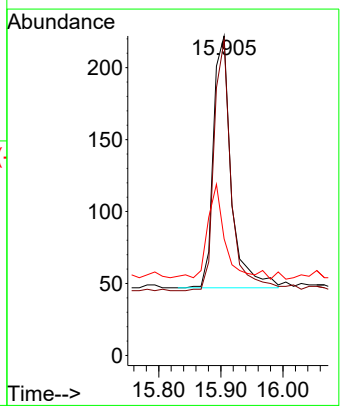


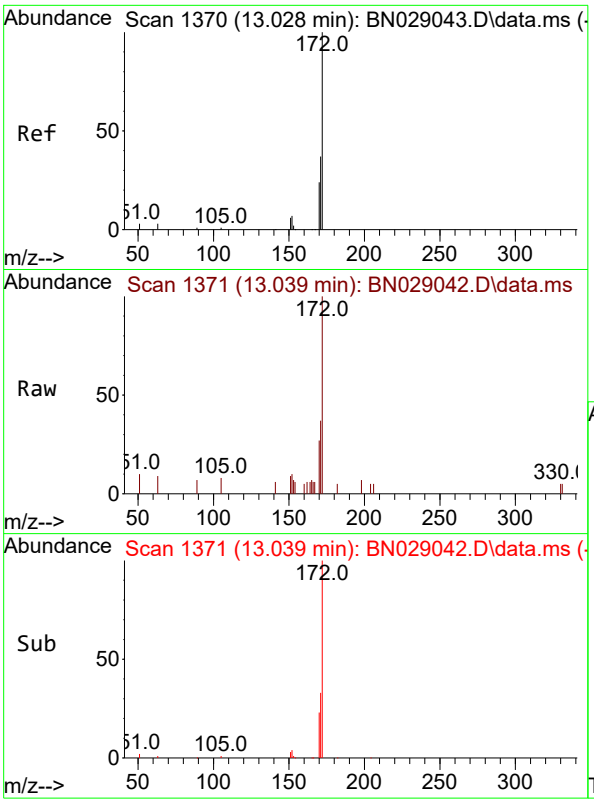


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.905 min Scan# 1634
Delta R.T. 0.013 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:330 Resp: 350

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.8	118.2
141	34.3	28.7	43.1



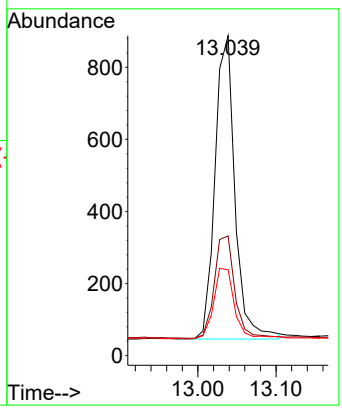


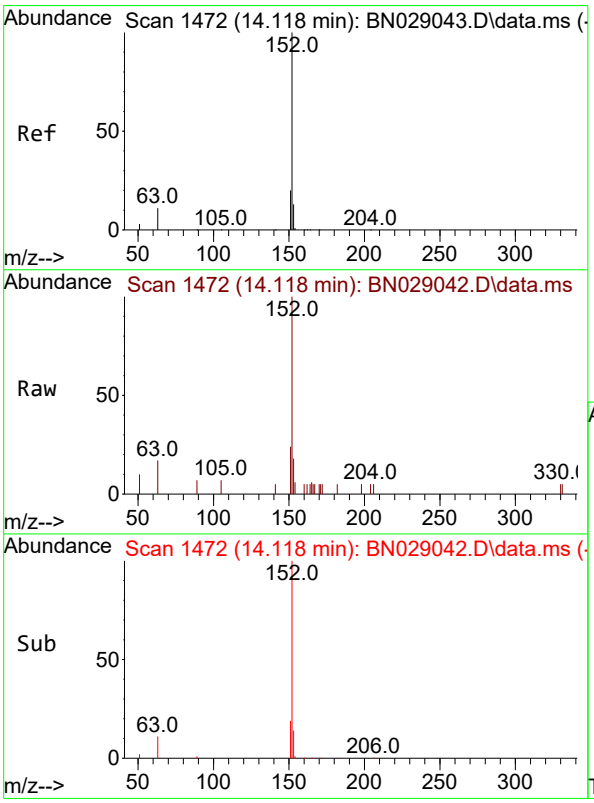
#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1488

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	26.8	20.3	30.5

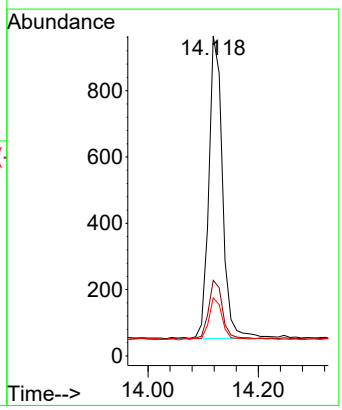


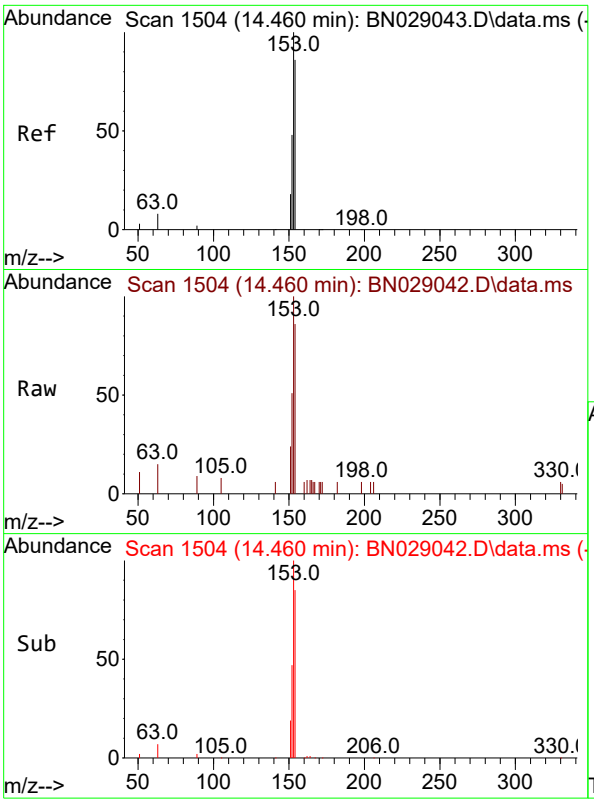


#16
Acenaphthylene
Concen: 0.200 ng
RT: 14.118 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:152 Resp: 1582

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	14.1	10.3	15.5



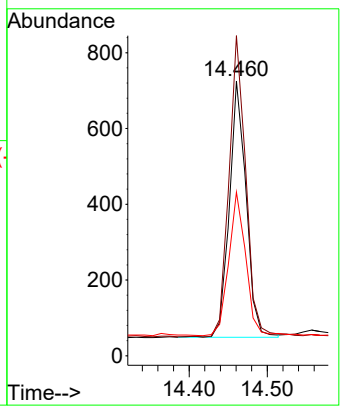


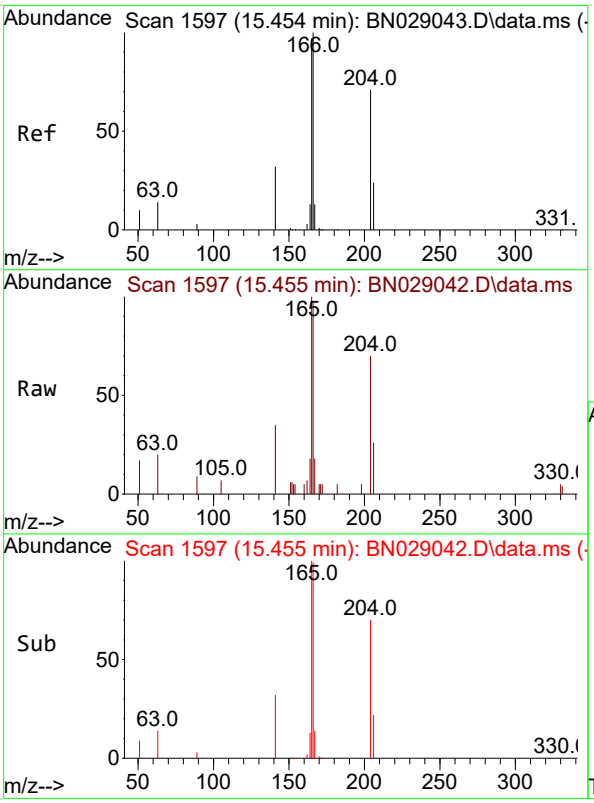
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1008

Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.0	139.6
152	58.0	44.2	66.4

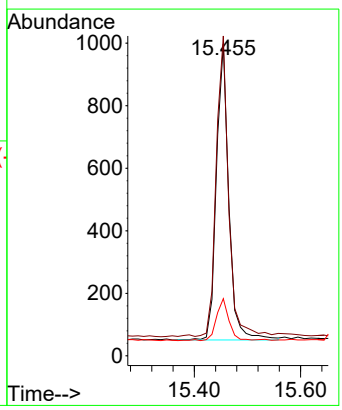


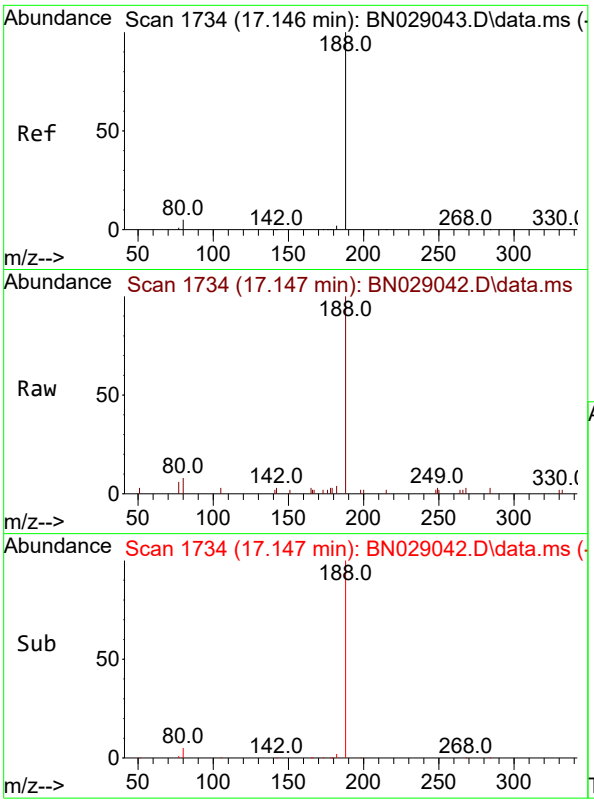


#18
Fluorene
Concen: 0.231 ng
RT: 15.455 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:166 Resp: 1585

Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.2	120.4
167	13.8	11.0	16.4



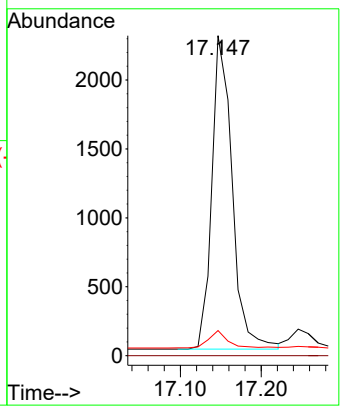


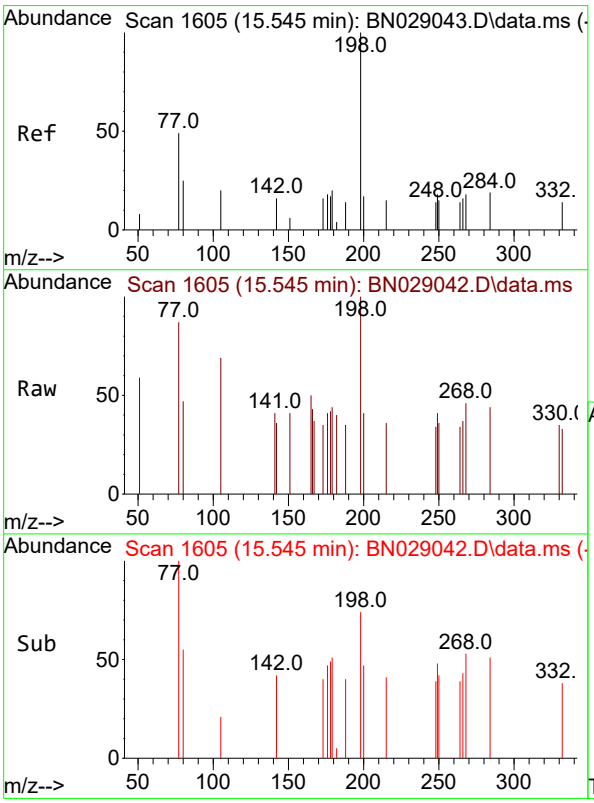
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 3983

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	5.4	8.0

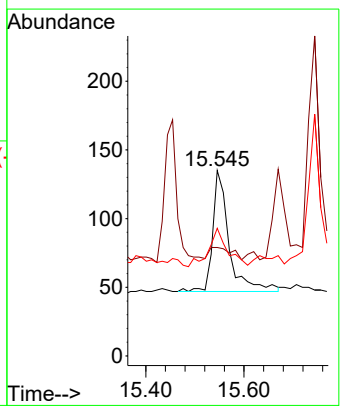


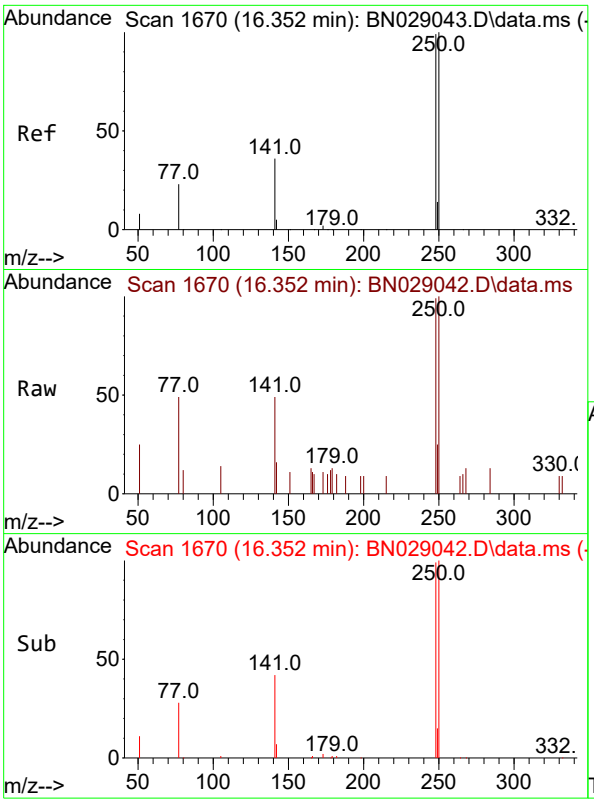


#20
4,6-Dinitro-2-methylphenol
Concen: 0.220 ng
RT: 15.545 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:198 Resp: 197

Ion	Ratio	Lower	Upper
198	100		
51	58.5	23.4	35.2#
105	68.9	29.0	43.4#



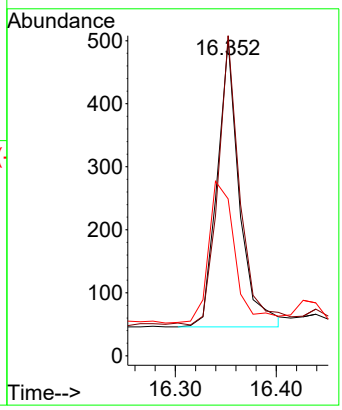


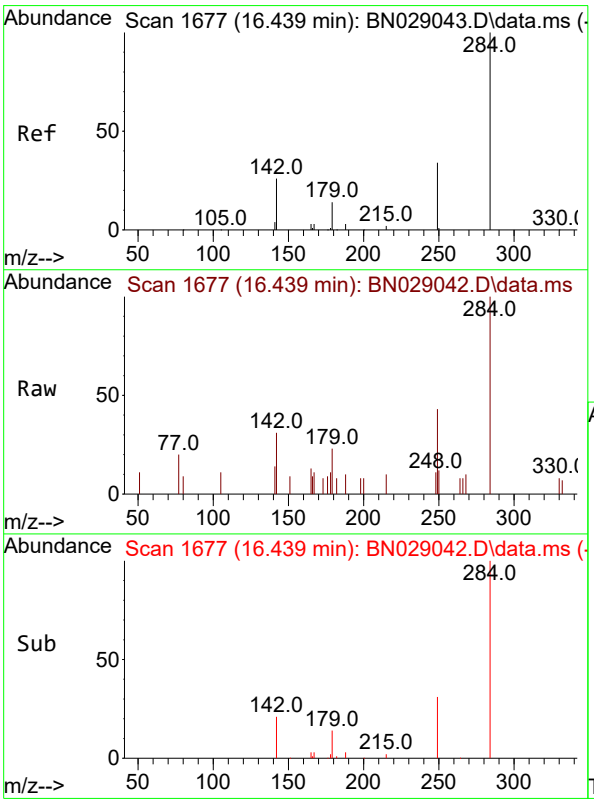
#21
4-Bromophenyl-phenylether
Concen: 0.244 ng
RT: 16.352 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 696

Ion	Ratio	Lower	Upper
248	100		
250	101.4	81.3	121.9
141	49.7	31.2	46.8#

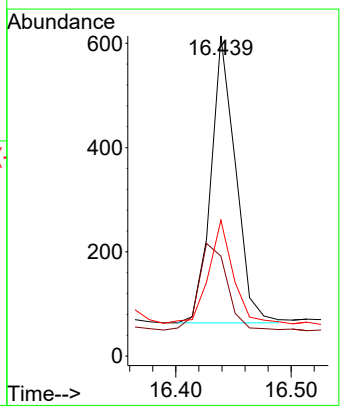


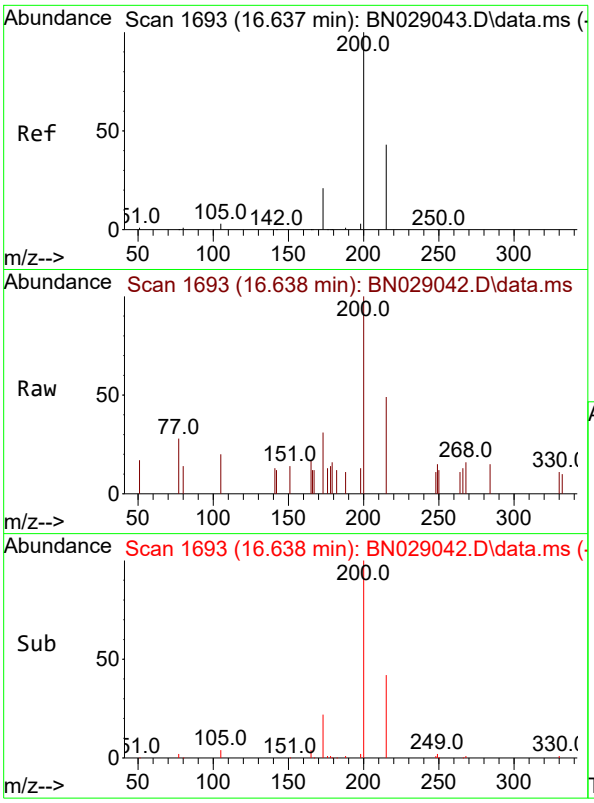


#22
Hexachlorobenzene
Concen: 0.237 ng
RT: 16.439 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:284 Resp: 818

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.0	42.0
249	35.3	27.8	41.8



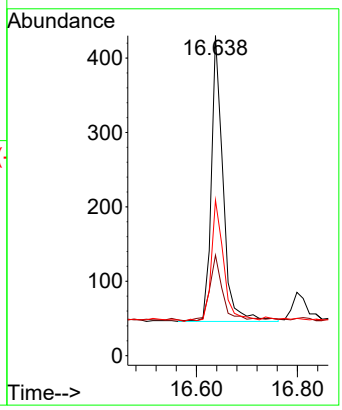


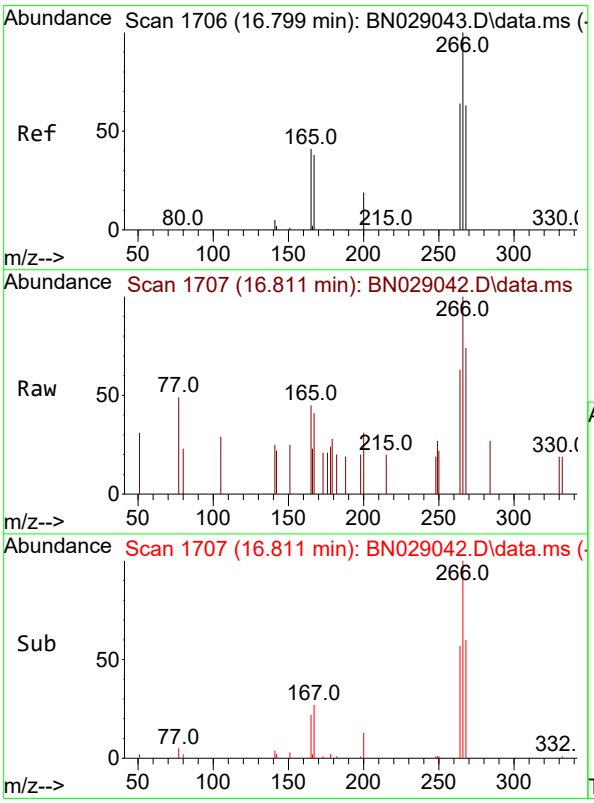
#23
Atrazine
Concen: 0.247 ng
RT: 16.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 616

Ion	Ratio	Lower	Upper
200	100		
173	31.4	19.3	28.9#
215	48.6	36.1	54.1

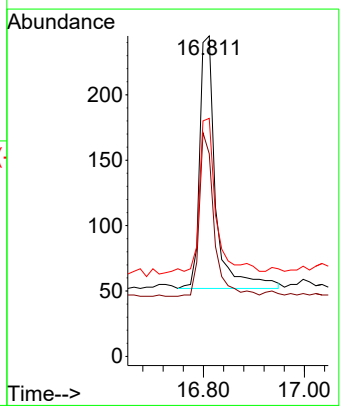


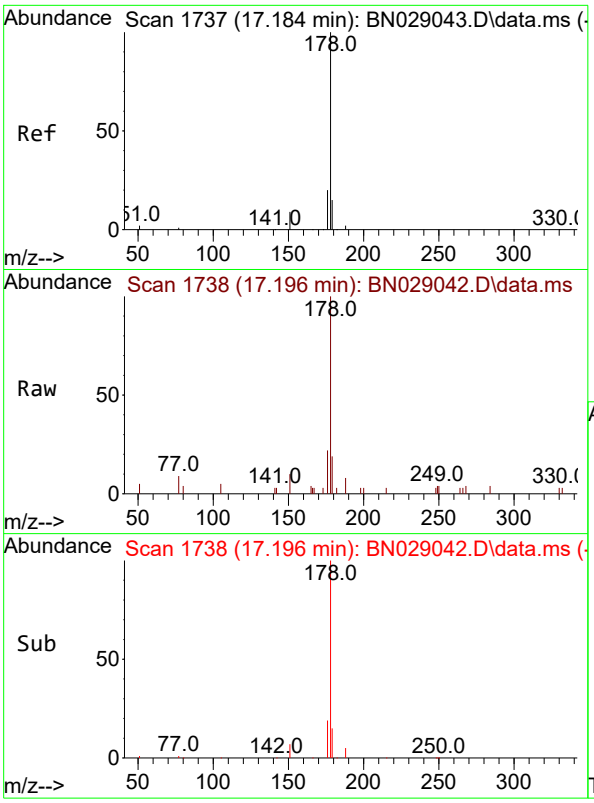


#24
Pentachlorophenol
Concen: 0.261 ng
RT: 16.811 min Scan# 1707
Delta R.T. 0.013 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:266 Resp: 427

Ion	Ratio	Lower	Upper
266	100		
264	59.3	50.7	76.1
268	62.5	49.5	74.3



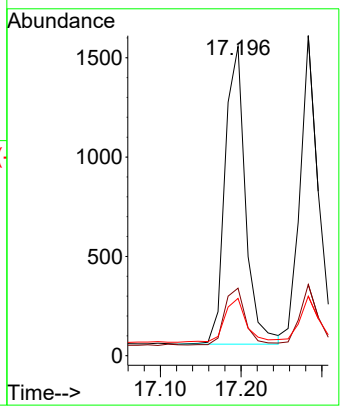


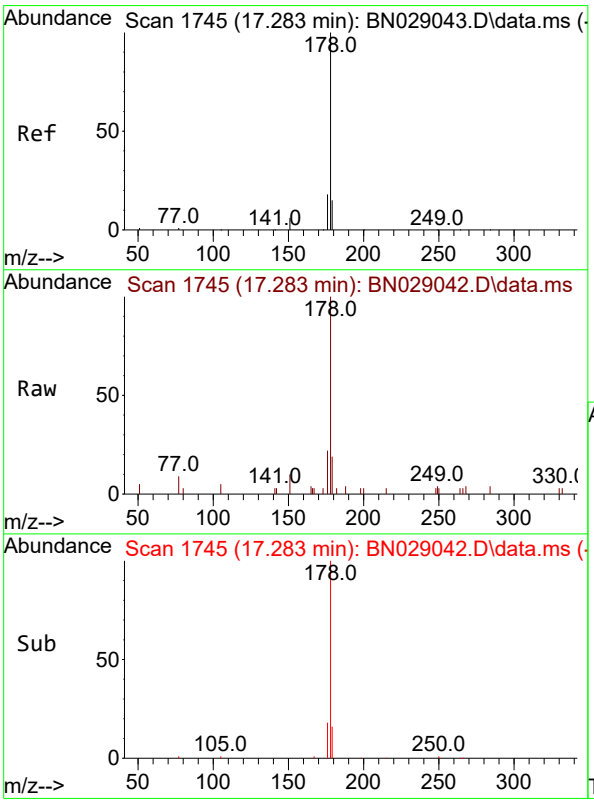
#25
Phenanthrene
Concen: 0.200 ng
RT: 17.196 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2645

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.4	12.6	18.8

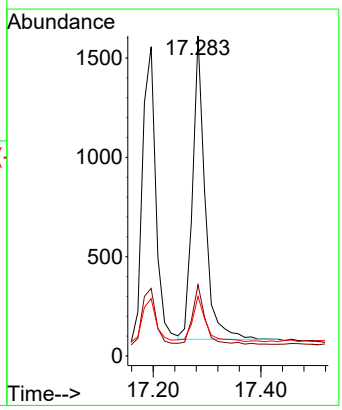


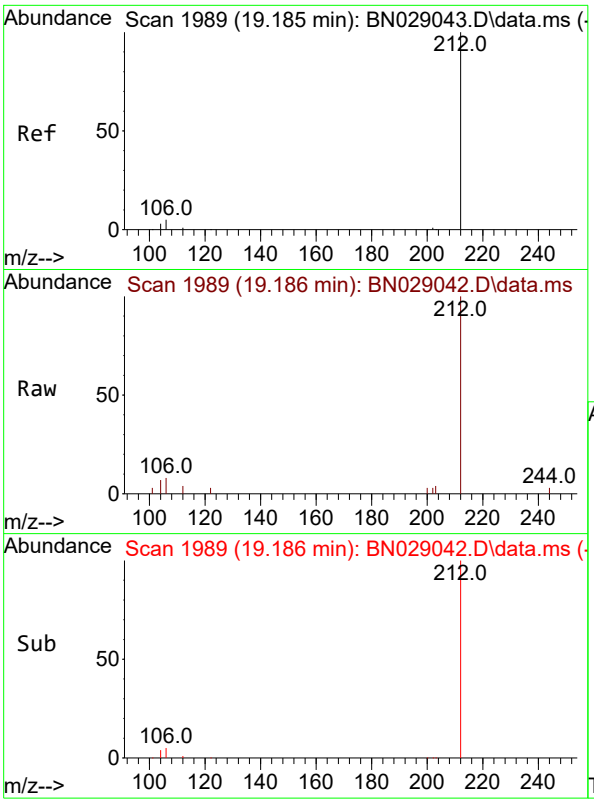


#26
Anthracene
Concen: 0.202 ng
RT: 17.283 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:178 Resp: 2466

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	16.4	12.6	19.0



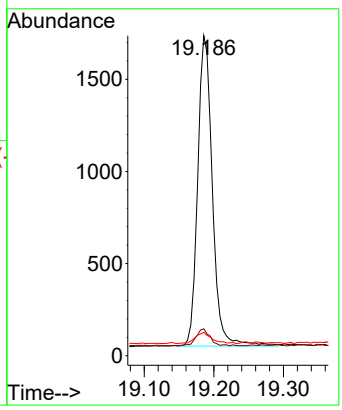


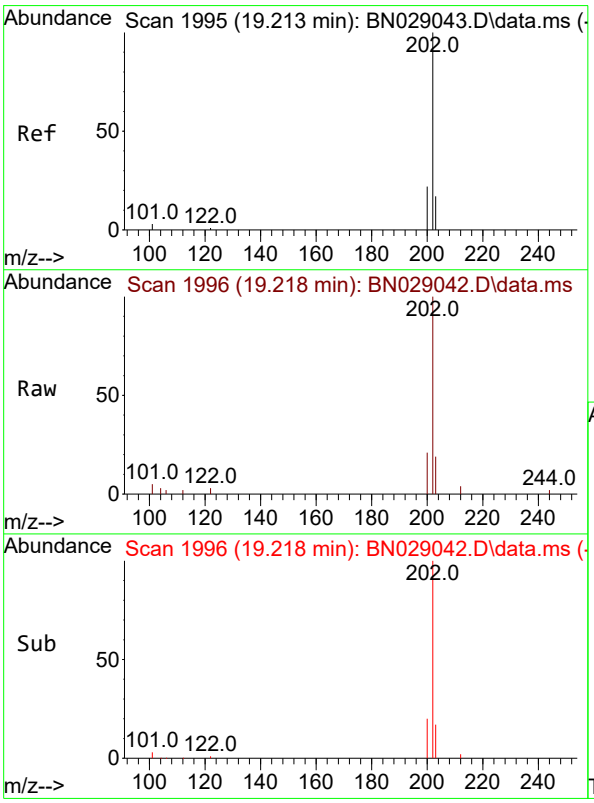
#27
Fluoranthene-d10
Concen: 0.227 ng
RT: 19.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 2474

Ion	Ratio	Lower	Upper
212	100		
106	5.2	3.9	5.9
104	4.2	2.6	3.8#

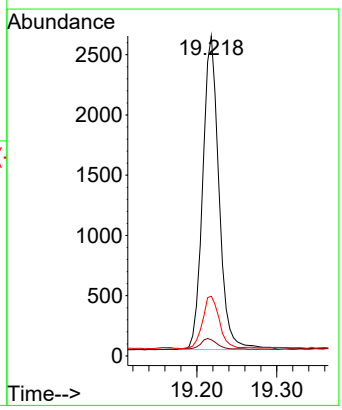


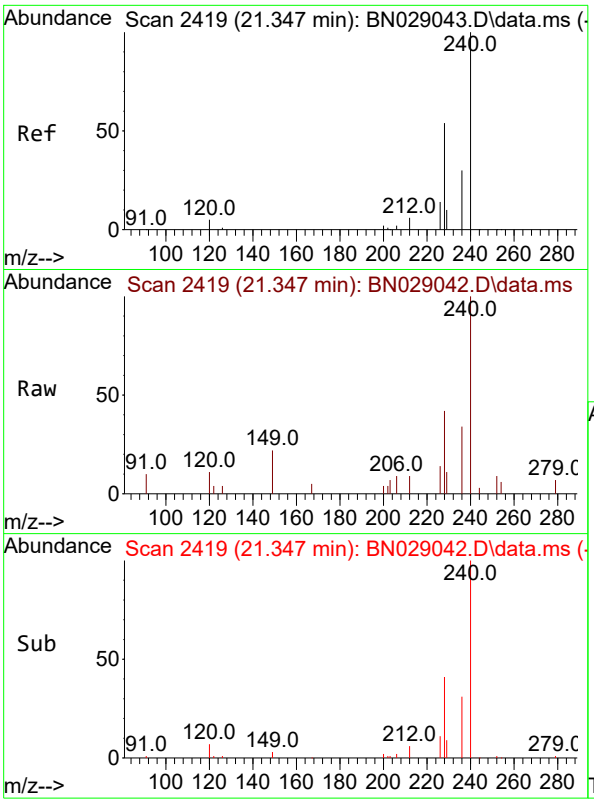


#28
Fluoranthene
Concen: 0.256 ng
RT: 19.218 min Scan# 1996
Delta R.T. 0.005 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:202 Resp: 3678

Ion	Ratio	Lower	Upper
202	100		
101	4.2	3.0	4.6
203	17.5	13.8	20.6



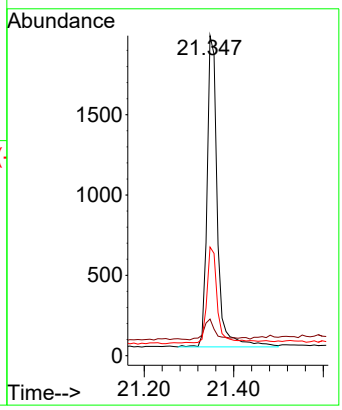


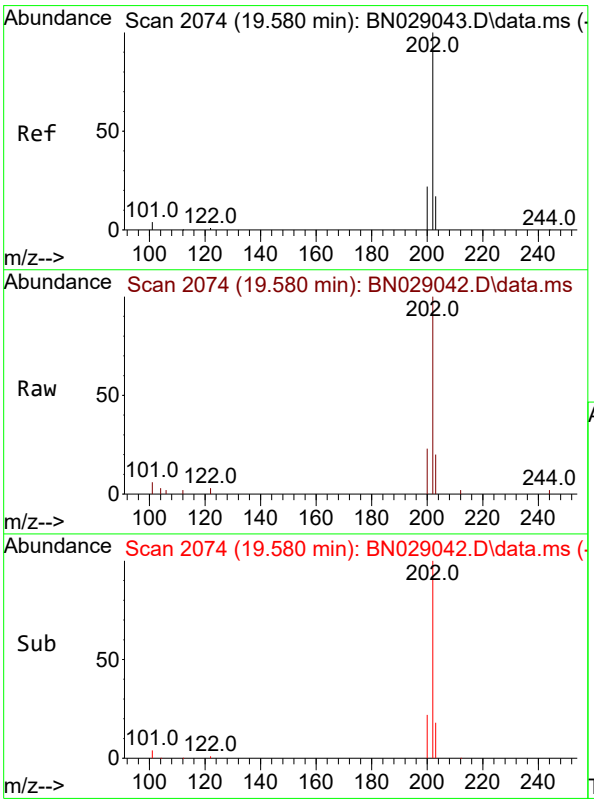
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 3105

Ion	Ratio	Lower	Upper
240	100		
120	11.4	6.7	10.1#
236	33.9	25.7	38.5

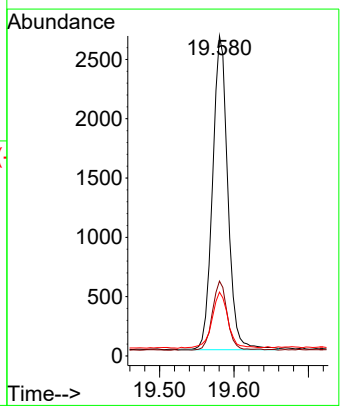


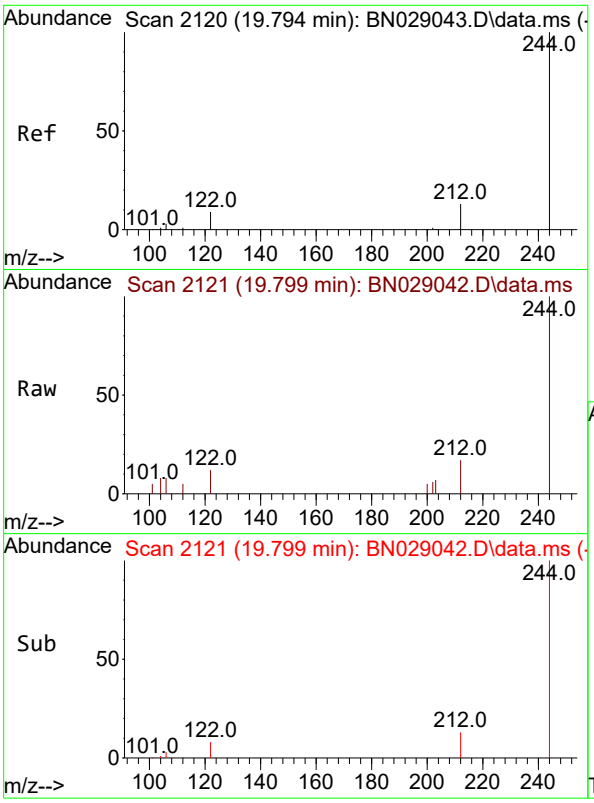


#30
Pyrene
Concen: 0.198 ng
RT: 19.580 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:202 Resp: 3771

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	18.9	14.2	21.4



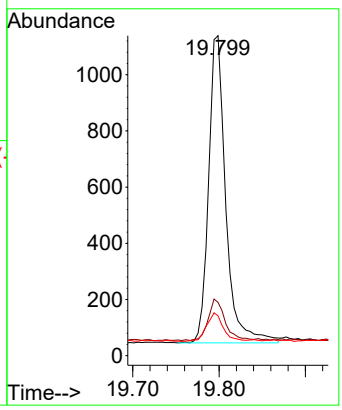


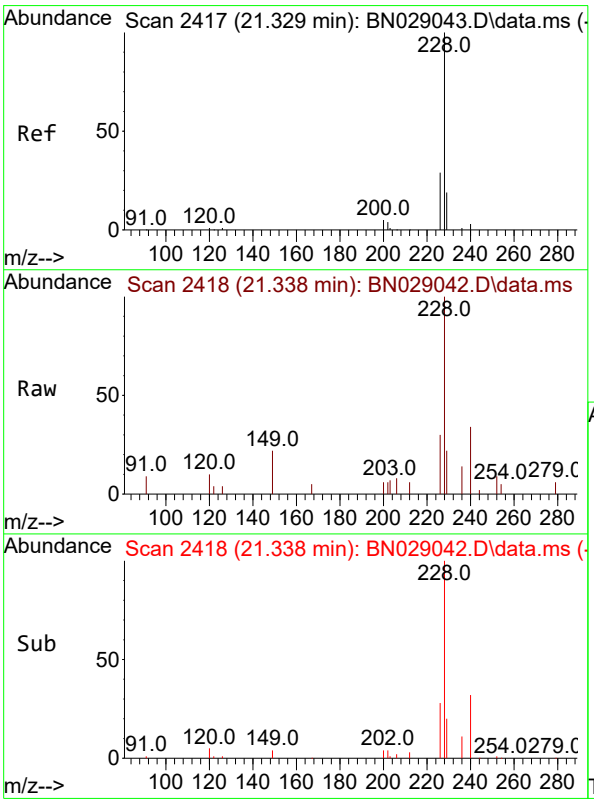
#31
Terphenyl-d14
Concen: 0.139 ng
RT: 19.799 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 1515

Ion	Ratio	Lower	Upper
244	100		
212	16.7	11.6	17.4
122	12.5	8.2	12.4#

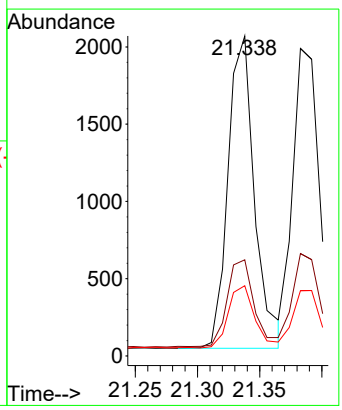


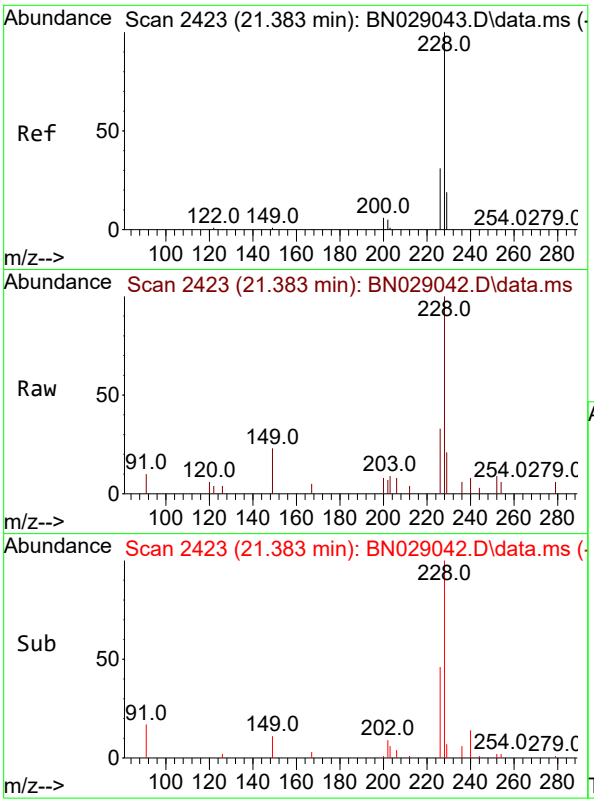


#32
Benzo(a)anthracene
Concen: 0.221 ng
RT: 21.338 min Scan# 2418
Delta R.T. 0.009 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:228 Resp: 2992

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.0	16.0	24.0



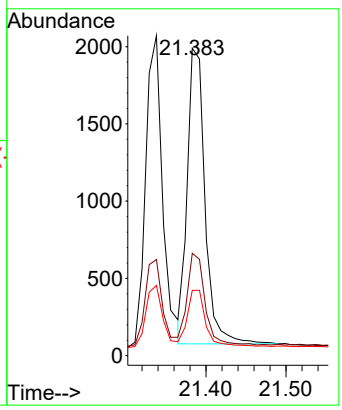


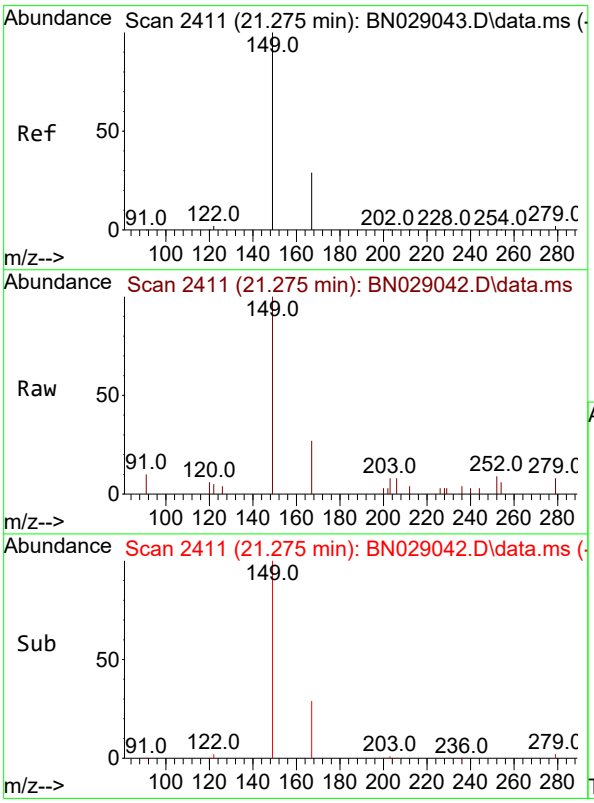
#33
Chrysene
Concen: 0.222 ng
RT: 21.383 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 2958

Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.4	38.0
229	21.3	16.0	24.0

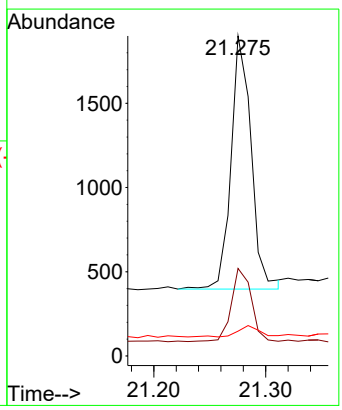


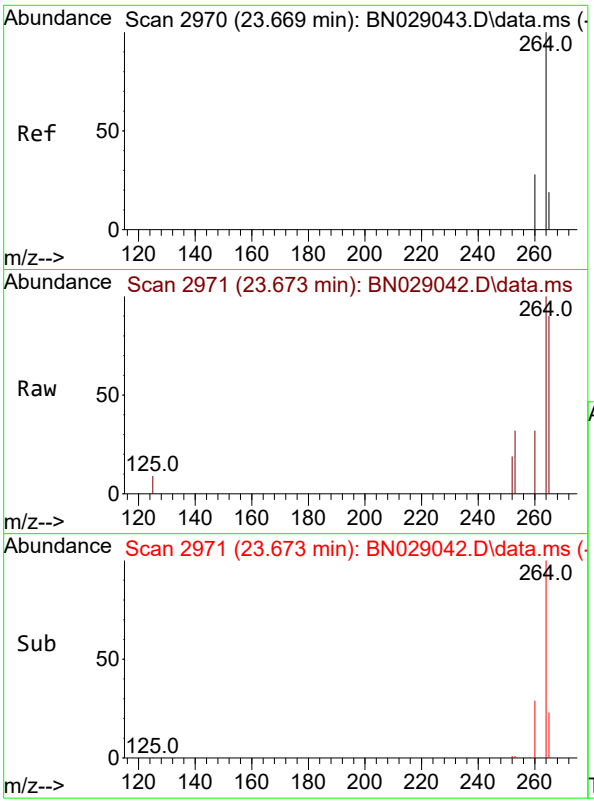


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.275 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:149 Resp: 1874

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.2
279	5.0	3.4	5.2



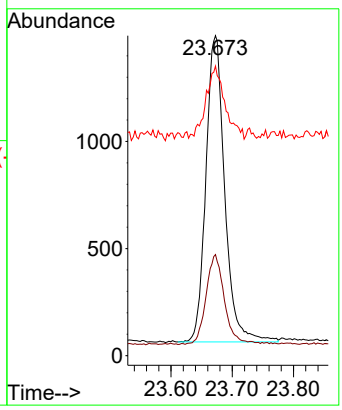


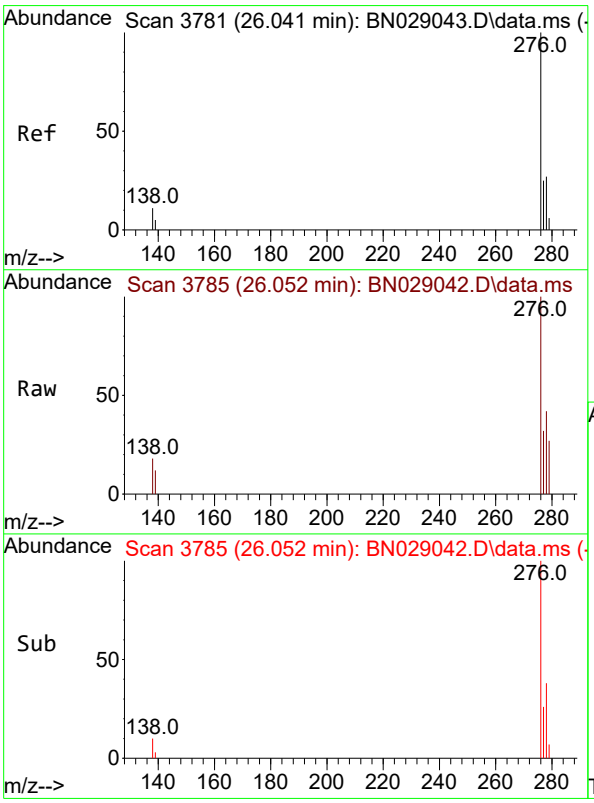
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.673 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 3056

Ion	Ratio	Lower	Upper
264	100		
260	31.6	23.9	35.9
265	90.5	52.7	79.1#

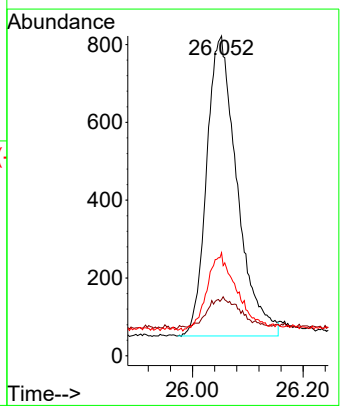


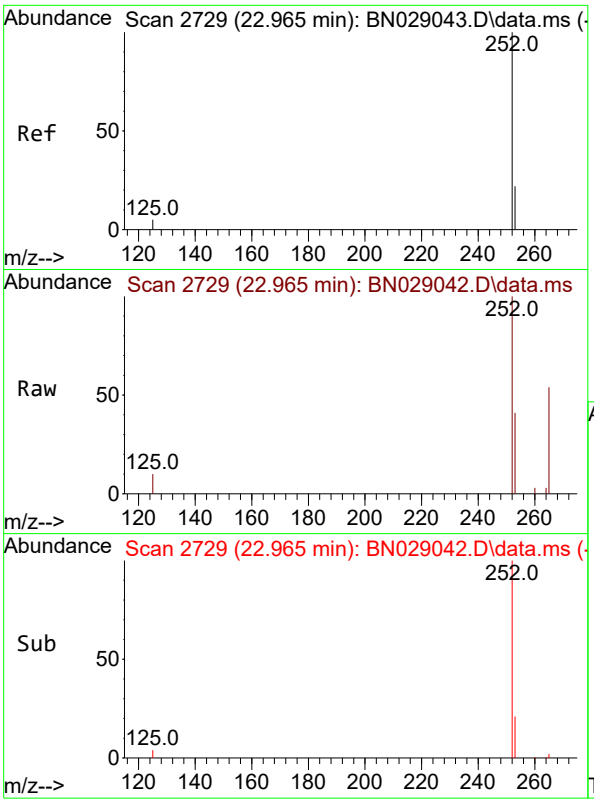


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.214 ng
RT: 26.052 min Scan# 3785
Delta R.T. 0.012 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:276 Resp: 2938

Ion	Ratio	Lower	Upper
276	100		
138	10.1	9.6	14.4
277	25.5	19.4	29.0



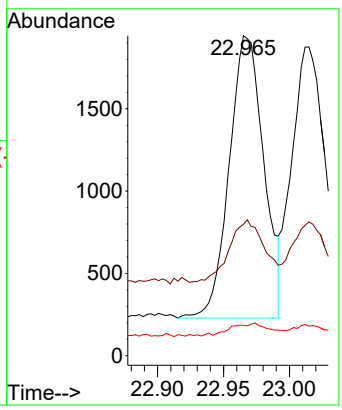


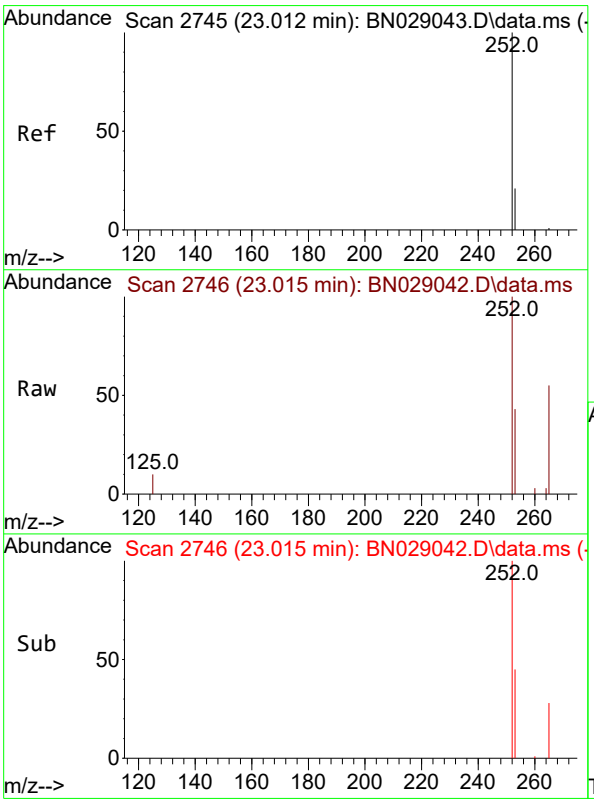
#37
Benzo(b)fluoranthene
Concen: 0.240 ng
RT: 22.965 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3131

Ion	Ratio	Lower	Upper
252	100		
253	41.0	23.0	34.6#
125	9.5	5.4	8.0#

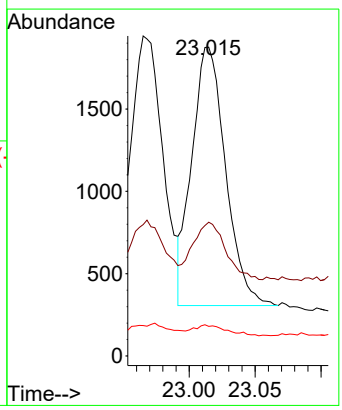


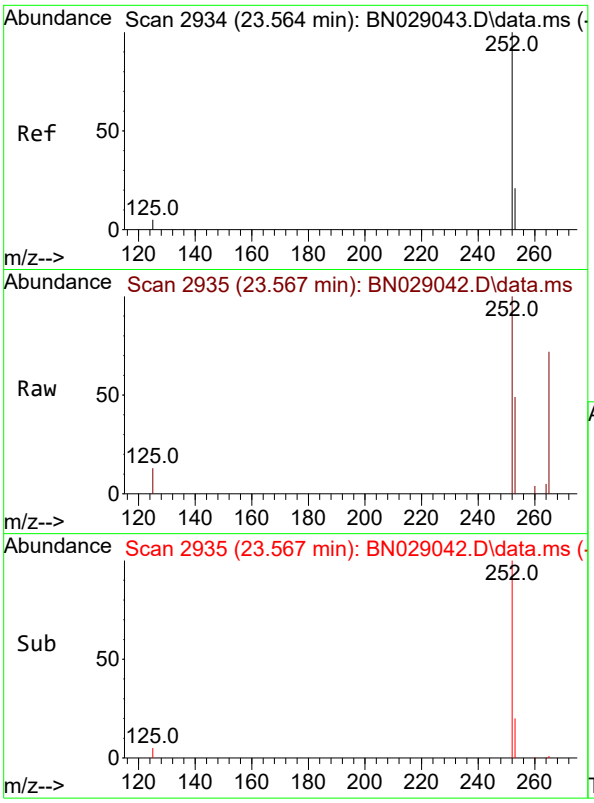


#38
Benzo(k)fluoranthene
Concen: 0.228 ng
RT: 23.015 min Scan# 2746
Delta R.T. 0.003 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:252 Resp: 2803

Ion	Ratio	Lower	Upper
252	100		
253	43.3	23.0	34.4#
125	9.6	5.0	7.6#



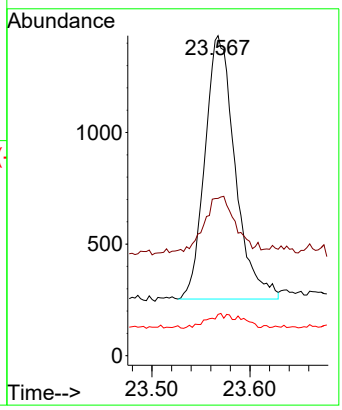


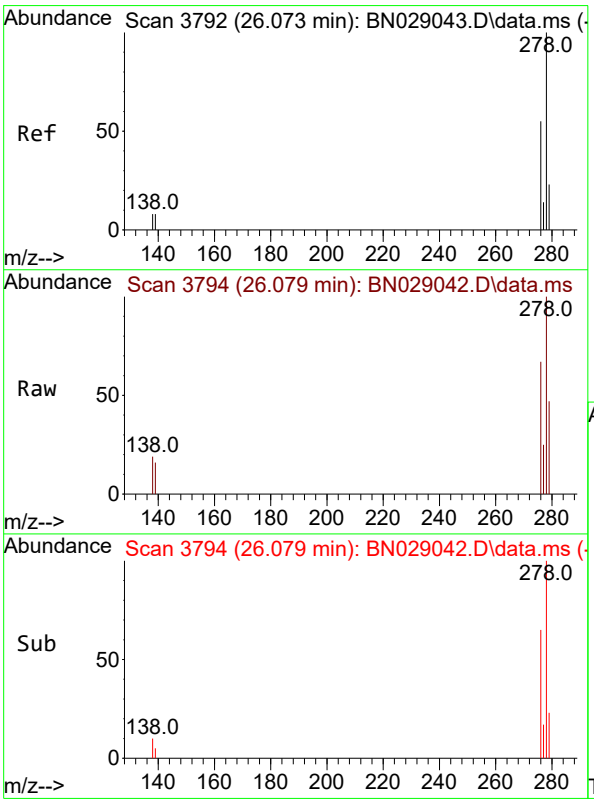
#39
Benzo(a)pyrene
Concen: 0.218 ng
RT: 23.567 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2524

Ion	Ratio	Lower	Upper
252	100		
253	49.2	25.3	37.9#
125	12.9	6.5	9.7#

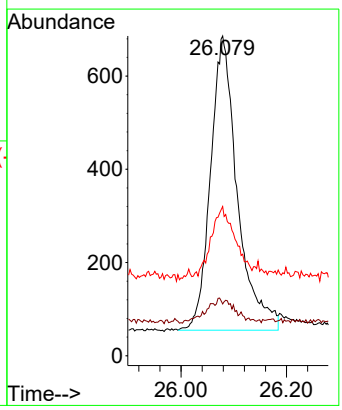


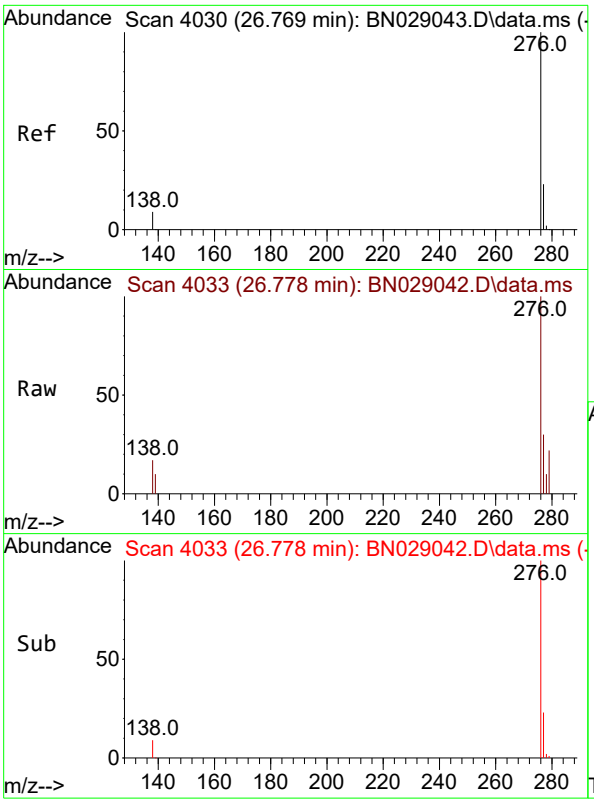


#40
Dibenzo(a,h)anthracene
Concen: 0.210 ng
RT: 26.079 min Scan# 3794
Delta R.T. 0.006 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Tgt Ion:278 Resp: 2227

Ion	Ratio	Lower	Upper
278	100		
139	16.2	9.4	14.2#
279	46.6	24.2	36.4#





#41
Benzo(g,h,i)perylene
Concen: 0.214 ng
RT: 26.778 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN029042.D
Acq: 05 Dec 2023 19:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 2542

Ion	Ratio	Lower	Upper
276	100		
277	30.0	20.3	30.5
138	17.5	9.2	13.8#