Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029134.D
Acq On : 20 Dec 2023 14:51
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 20 17:50:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

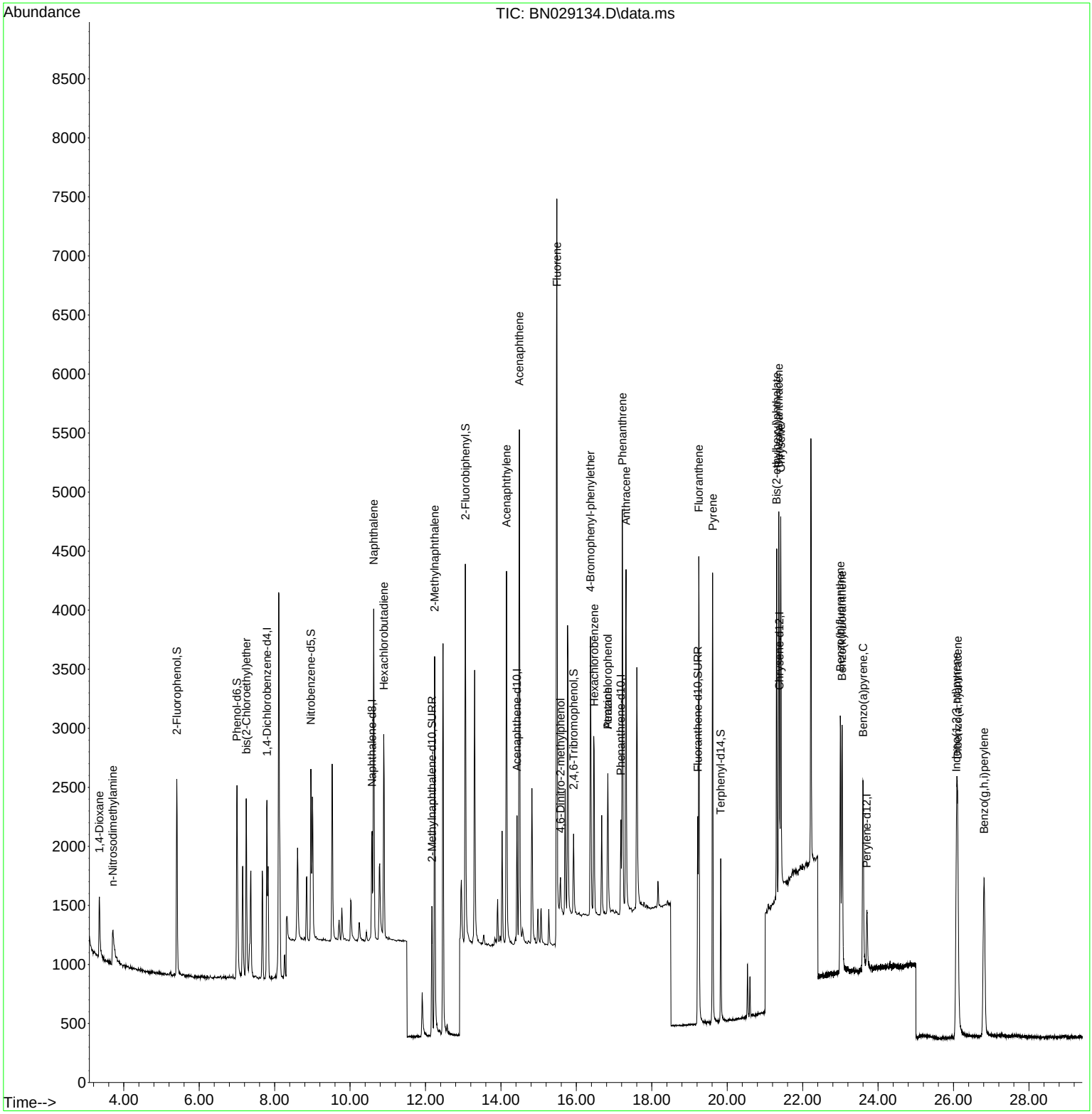
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	750	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	1320	0.400	ng		0.00
13) Acenaphthene-d10	14.426	164	608	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1086	0.400	ng	#	0.00
29) Chrysene-d12	21.385	240	591	0.400	ng		0.00
35) Perylene-d12	23.701	264	693	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	1438	0.801	ng		0.00
5) Phenol-d6	7.002	99	1609	0.816	ng		0.00
8) Nitrobenzene-d5	8.961	82	1420	0.825	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1694	0.847	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	428	0.805	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	2986	0.841	ng		0.00
27) Fluoranthene-d10	19.220	212	2128	0.810	ng		0.00
31) Terphenyl-d14	19.828	244	1319	0.812	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	580	0.826	ng		97
3) n-Nitrosodimethylamine	3.709	42	364	0.743	ng	#	88
6) bis(2-Chloroethyl)ether	7.248	93	1254	0.818	ng		96
9) Naphthalene	10.626	128	3572	0.831	ng		94
10) Hexachlorobutadiene	10.893	225	1145	0.808	ng	#	98
12) 2-Methylnaphthalene	12.242	142	2367	0.842	ng		98
16) Acenaphthylene	14.148	152	3565	0.832	ng		99
17) Acenaphthene	14.490	154	2146	0.835	ng		97
18) Fluorene	15.484	166	2930	0.845	ng		96
20) 4,6-Dinitro-2-methylph...	15.580	198	361	0.764	ng	#	62
21) 4-Bromophenyl-phenylether	16.374	248	929	0.827	ng	#	72
22) Hexachlorobenzene	16.473	284	1087	0.831	ng		96
23) Atrazine	16.833	200	120	0.128	ng		94
24) Pentachlorophenol	16.833	266	654	0.844	ng		91
25) Phenanthrene	17.218	178	3747	0.836	ng		97
26) Anthracene	17.318	178	3544	0.818	ng		98
28) Fluoranthene	19.248	202	3799	0.820	ng		99
30) Pyrene	19.615	202	3789	0.814	ng		98
32) Benzo(a)anthracene	21.367	228	2670	0.822	ng		94
33) Chrysene	21.420	228	2615	0.814	ng		97
34) Bis(2-ethylhexyl)phtha...	21.313	149	2971	0.837	ng	#	92
36) Indeno(1,2,3-cd)pyrene	26.078	276	3709	0.835	ng	#	67
37) Benzo(b)fluoranthene	22.999	252	2902	0.823	ng	#	82
38) Benzo(k)fluoranthene	23.046	252	2919	0.846	ng	#	86
39) Benzo(a)pyrene	23.601	252	2616	0.832	ng	#	81
40) Dibenzo(a,h)anthracene	26.110	278	2897	0.844	ng	#	83
41) Benzo(g,h,i)perylene	26.812	276	3141	0.831	ng		92

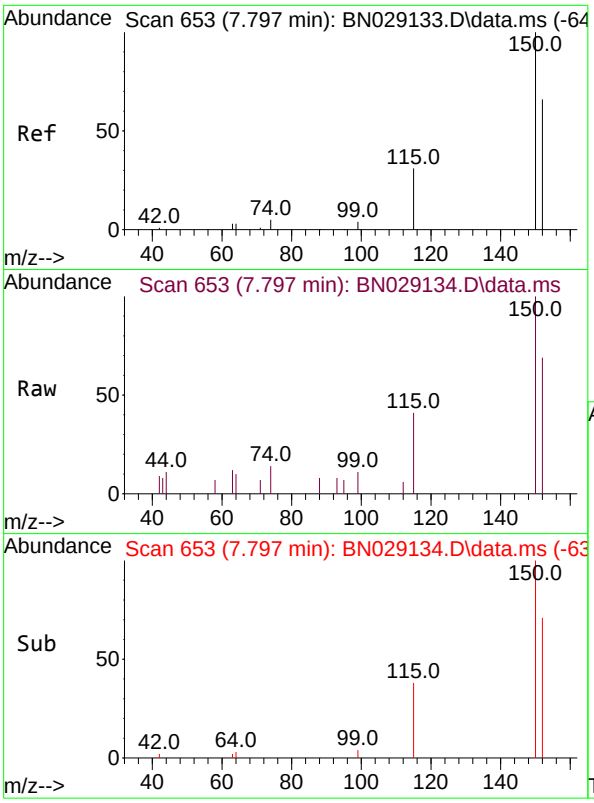
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029134.D
Acq On : 20 Dec 2023 14:51
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 20 17:50:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration



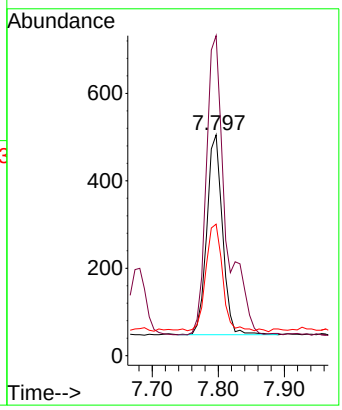


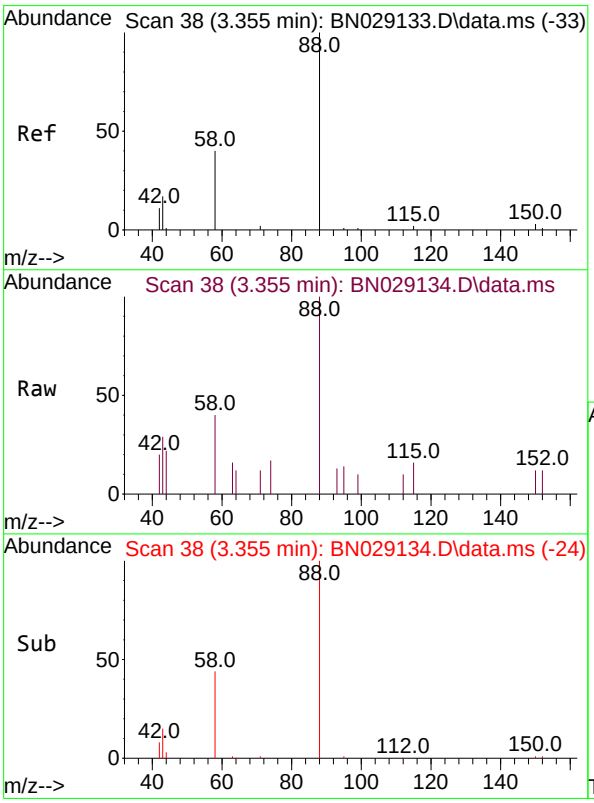
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 750

Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.6	176.4
115	59.6	44.2	66.2

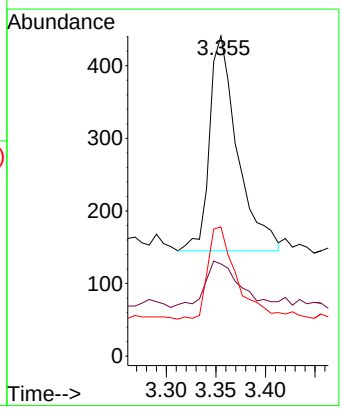


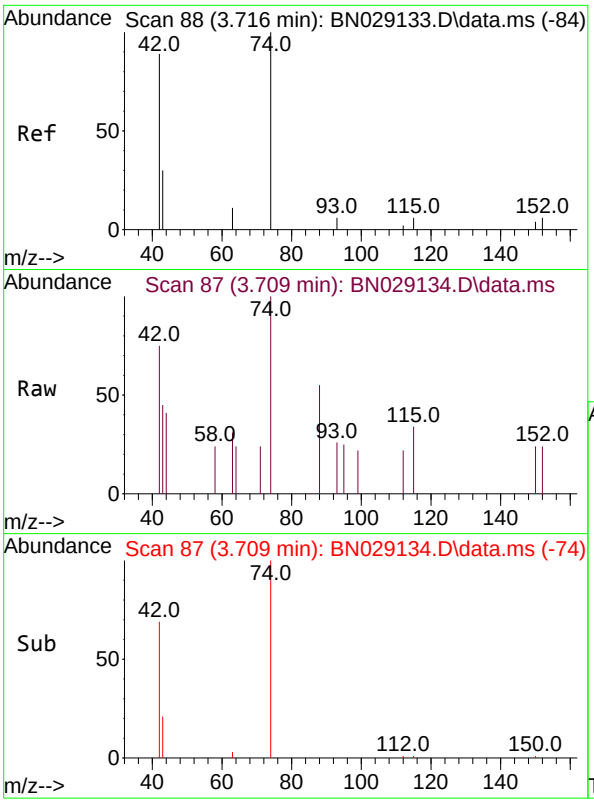


#2
1,4-Dioxane
Concen: 0.826 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion: 88 Resp: 580

Ion	Ratio	Lower	Upper
88	100		
43	26.7	19.4	29.2
58	43.3	35.4	53.0



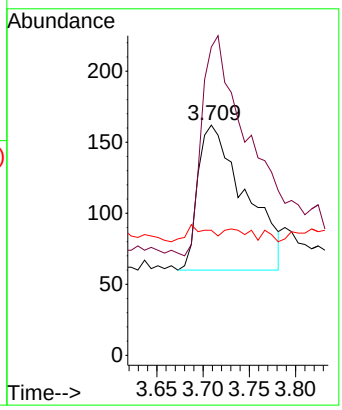


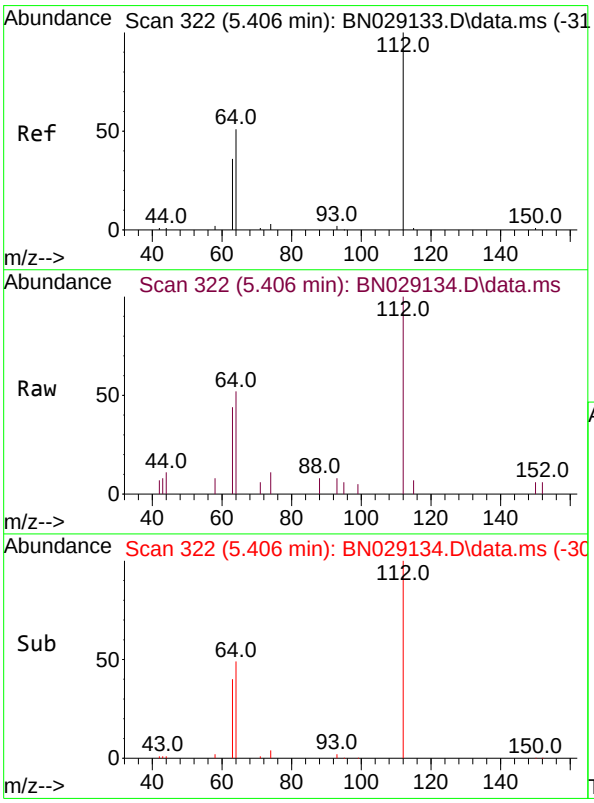
#3
n-Nitrosodimethylamine
Concen: 0.743 ng
RT: 3.709 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 364

Ion	Ratio	Lower	Upper
42	100		
74	151.1	109.4	164.0
44	0.0	3.1	4.7#

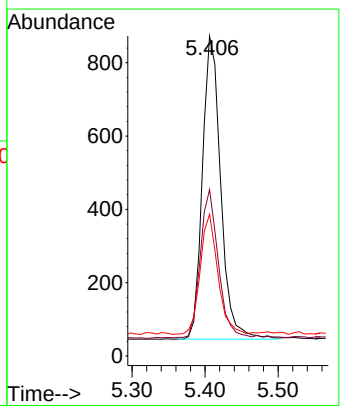


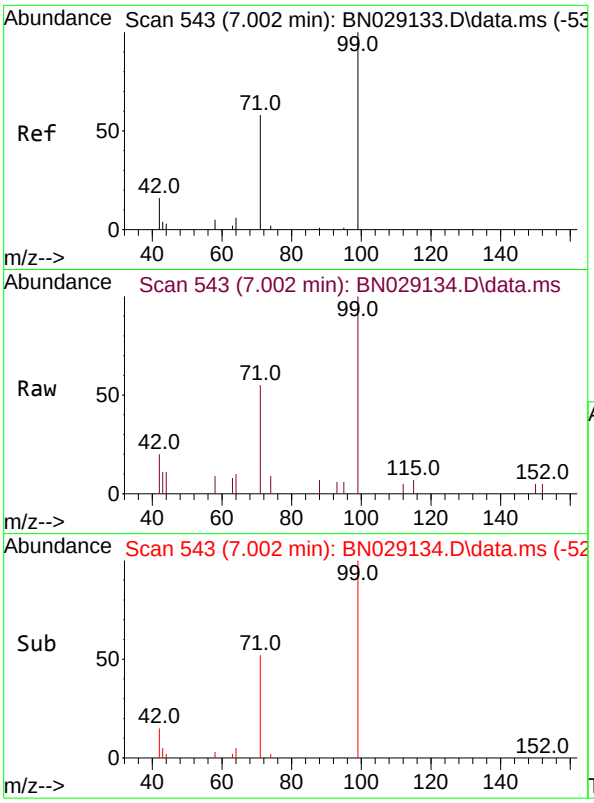


#4
2-Fluorophenol
Concen: 0.801 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:112 Resp: 1438

Ion	Ratio	Lower	Upper
112	100		
64	49.0	38.6	58.0
63	38.5	30.0	45.0



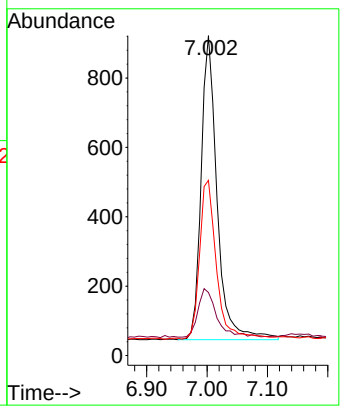


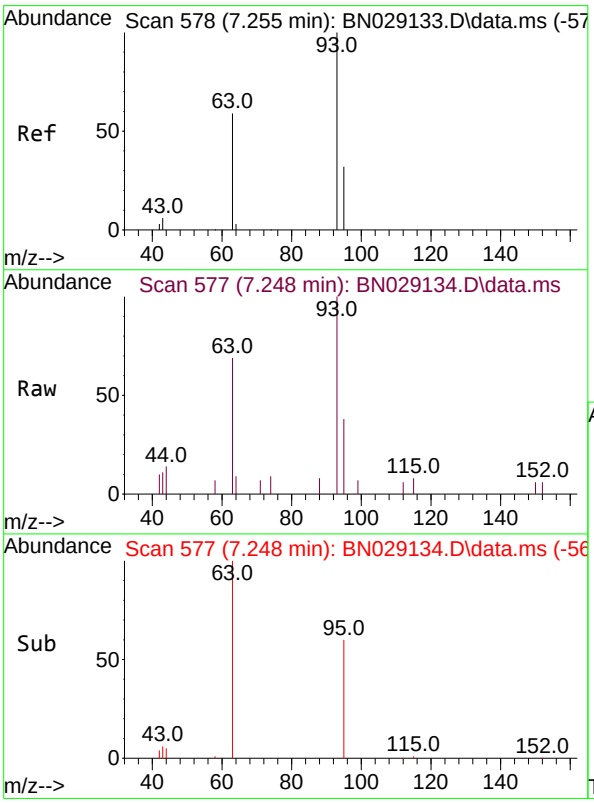
#5
Phenol-d6
Concen: 0.816 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 1609

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.8	20.6
71	55.4	45.4	68.2

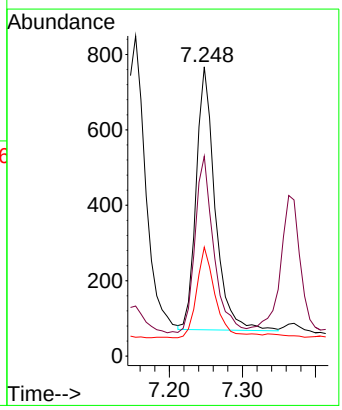


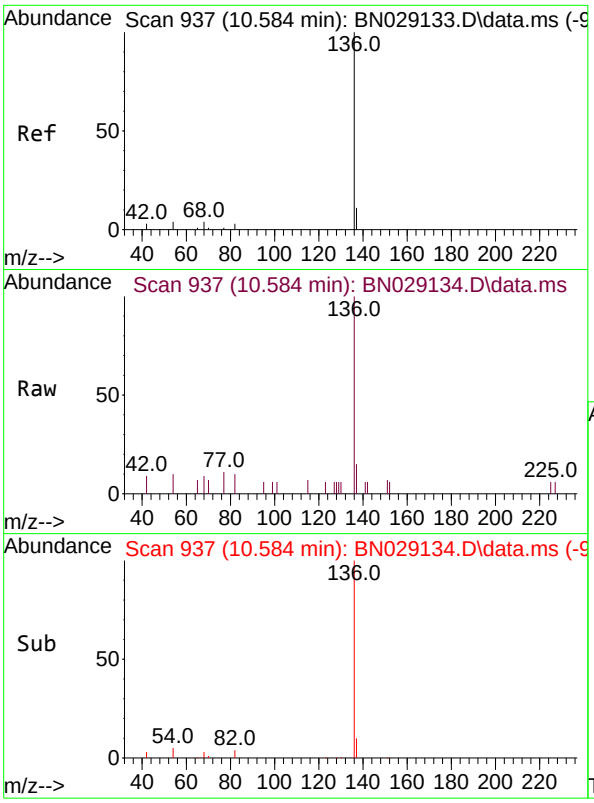


#6
bis(2-Chloroethyl)ether
Concen: 0.818 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion: 93 Resp: 1254

Ion	Ratio	Lower	Upper
93	100		
63	66.3	57.0	85.6
95	34.0	27.4	41.2



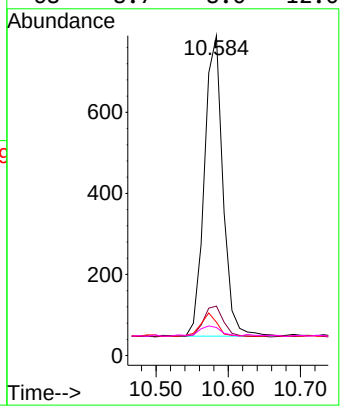


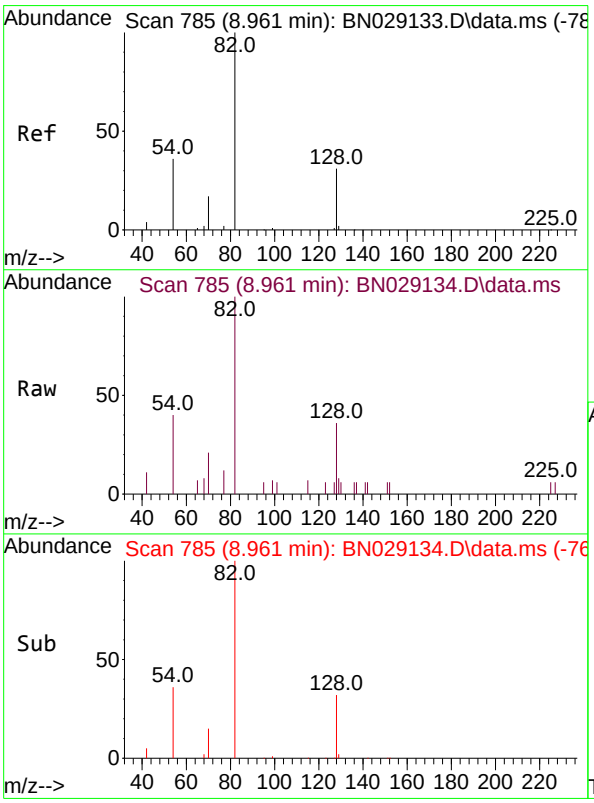
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 1320

Ion	Ratio	Lower	Upper
136	100		
137	15.5	13.4	20.0
54	10.4	8.6	13.0
68	8.7	8.0	12.0

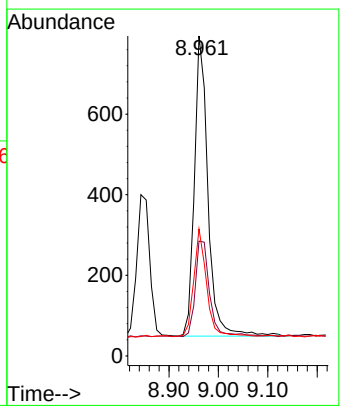


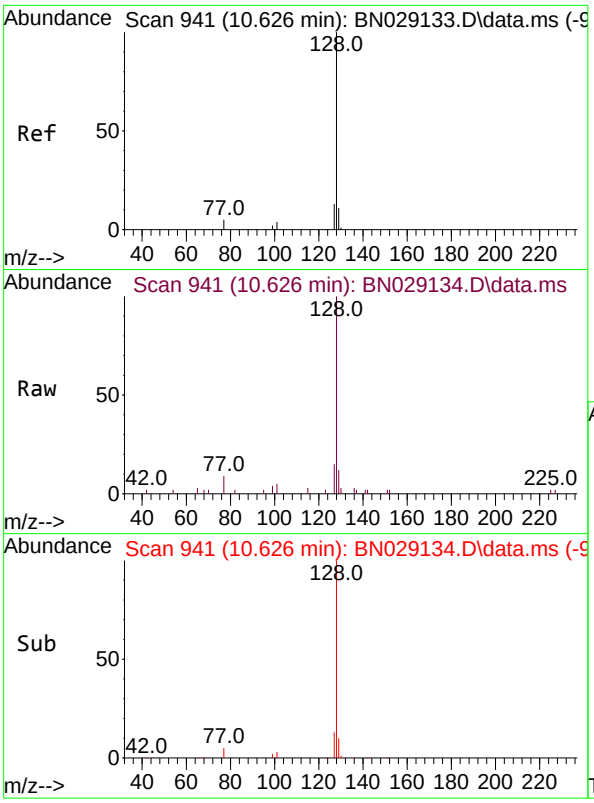


#8
Nitrobenzene-d5
Concen: 0.825 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion: 82 Resp: 1420

Ion	Ratio	Lower	Upper
82	100		
128	35.9	33.0	49.4
54	39.7	35.8	53.8



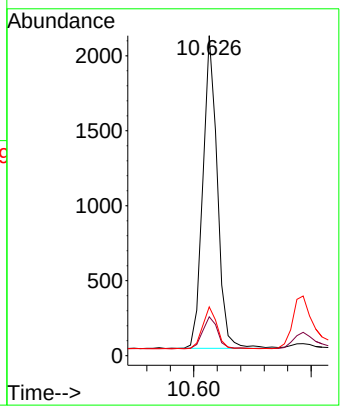


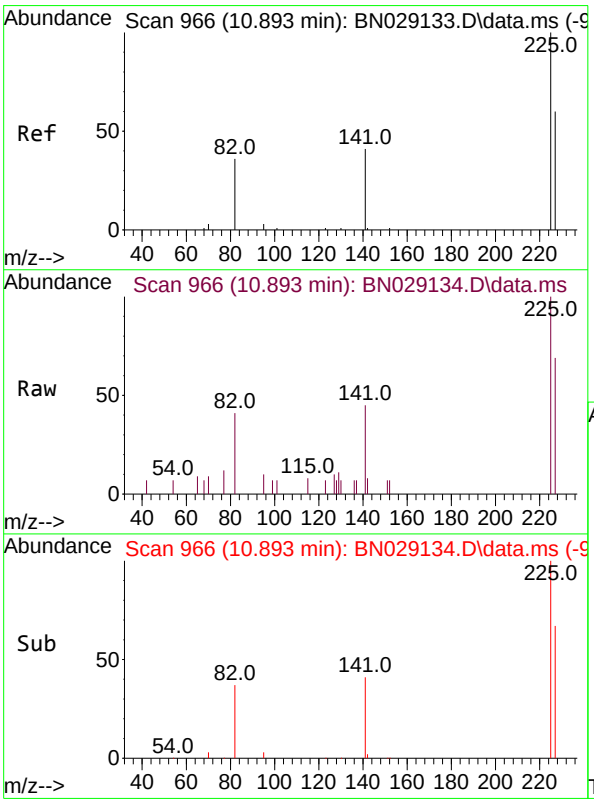
#9
Naphthalene
Concen: 0.831 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 3572

Ion	Ratio	Lower	Upper
128	100		
129	12.1	12.0	18.0
127	15.2	14.1	21.1

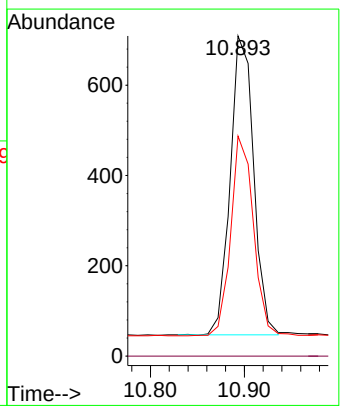


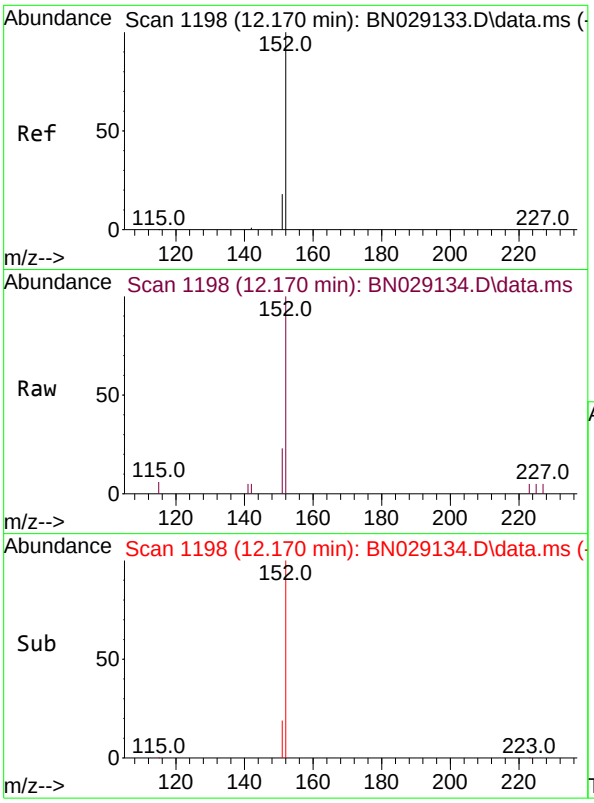


#10
Hexachlorobutadiene
Concen: 0.808 ng
RT: 10.893 min Scan# 966
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:225 Resp: 1145

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.7	76.1



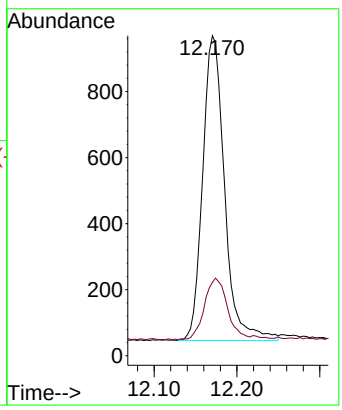


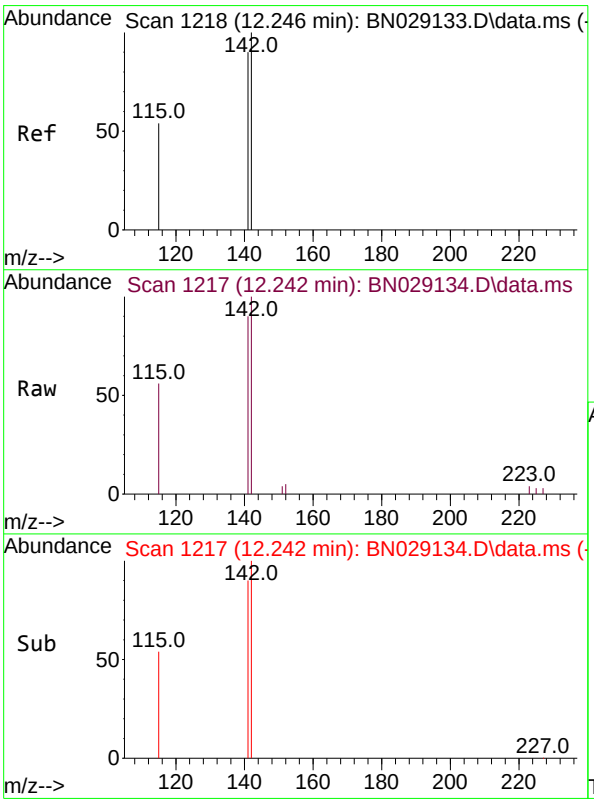
#11
2-Methylnaphthalene-d10
Concen: 0.847 ng
RT: 12.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1694

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.4	26.2

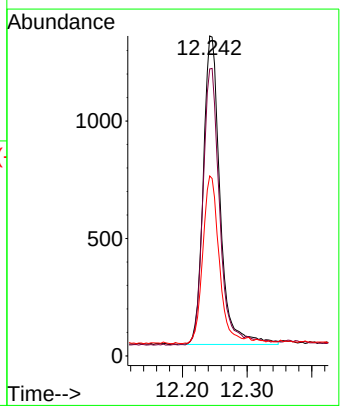


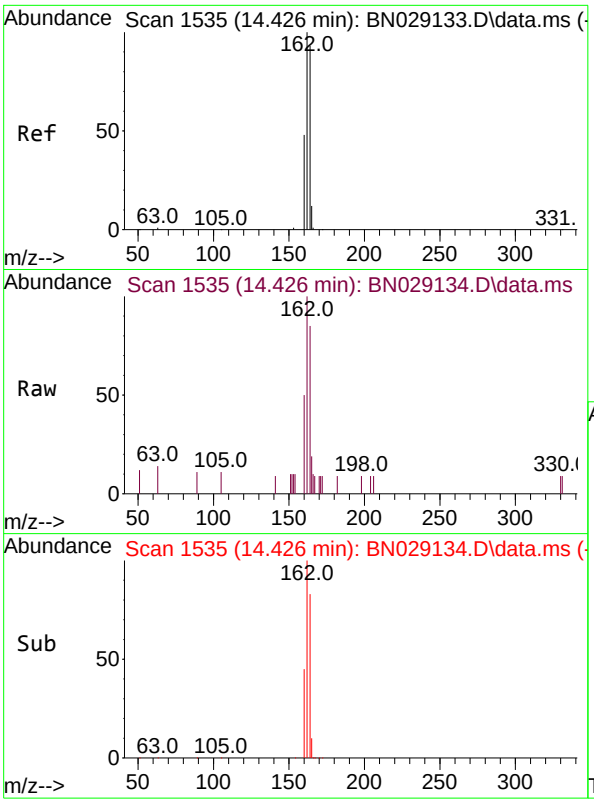


#12
2-Methylnaphthalene
Concen: 0.842 ng
RT: 12.242 min Scan# 1217
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:142 Resp: 2367

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.0	109.4
115	56.2	46.8	70.2



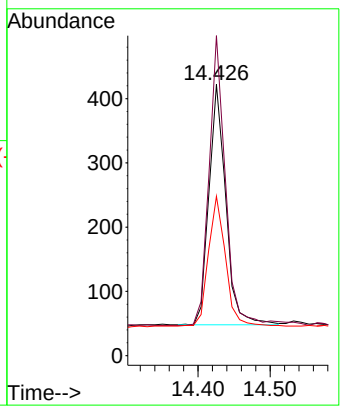


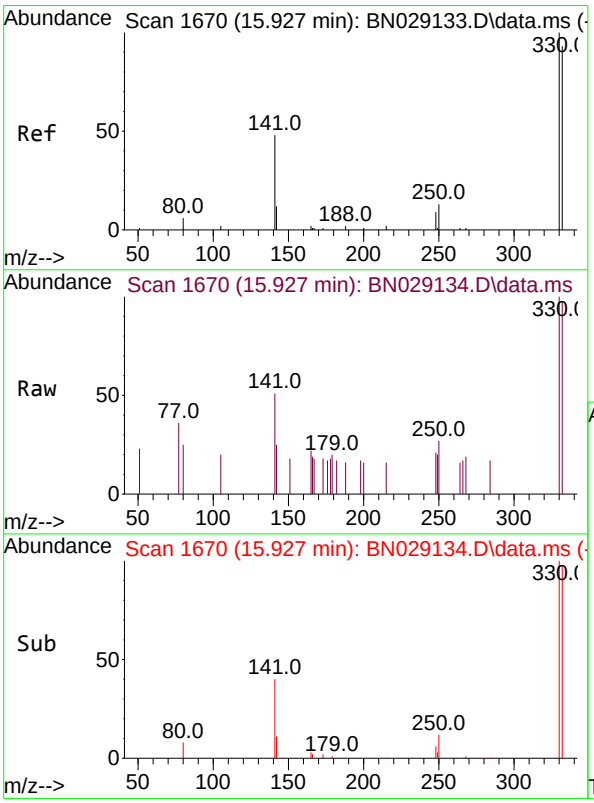
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 608

Ion	Ratio	Lower	Upper
164	100		
162	118.0	85.0	127.4
160	58.8	45.8	68.8

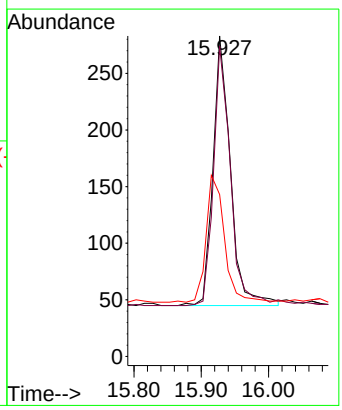


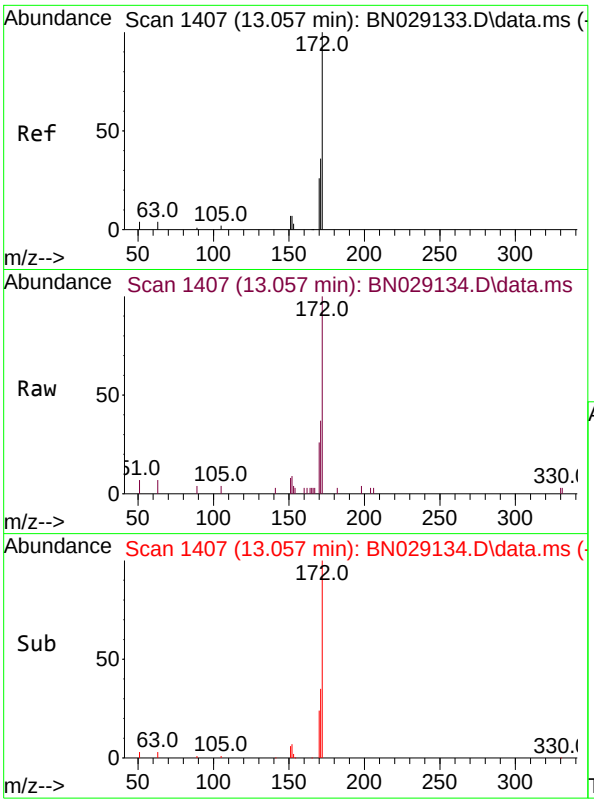


#14
2,4,6-Tribromophenol
Concen: 0.805 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:330 Resp: 428

Ion	Ratio	Lower	Upper
330	100		
332	94.4	83.4	125.0
141	49.5	43.8	65.8



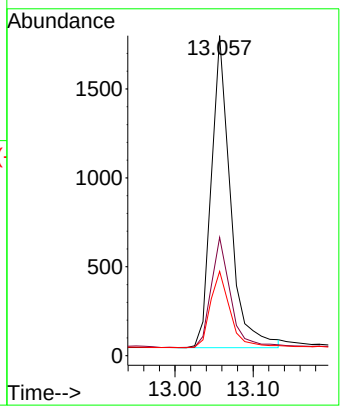


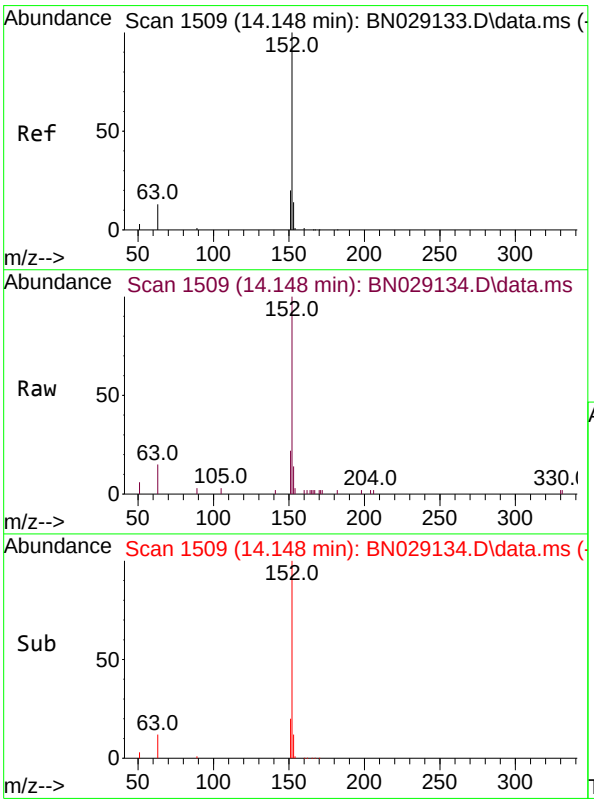
#15
2-Fluorobiphenyl
Concen: 0.841 ng
RT: 13.057 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 2986

Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.4
170	26.3	25.0	37.4

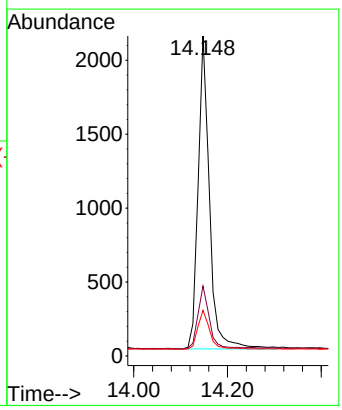


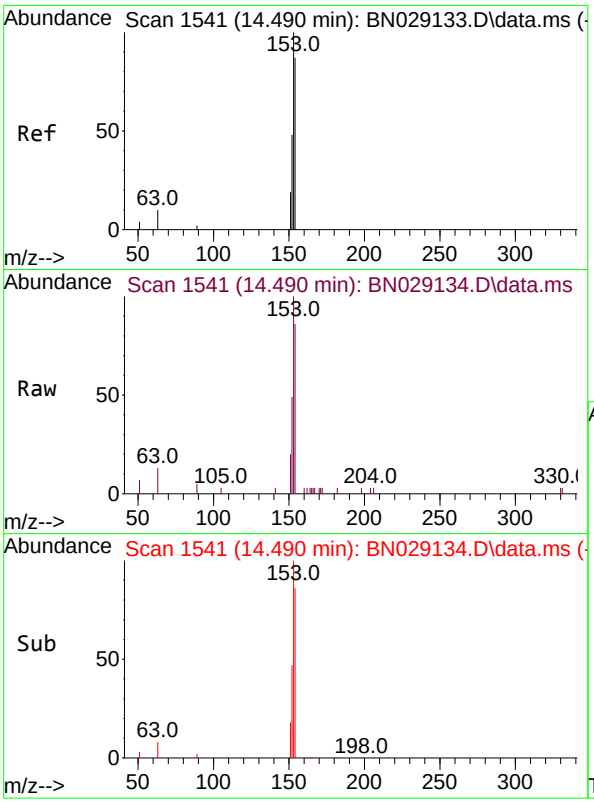


#16
Acenaphthylene
Concen: 0.832 ng
RT: 14.148 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:152 Resp: 3565

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.4	10.1	15.1



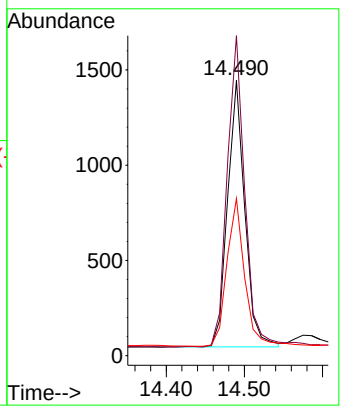


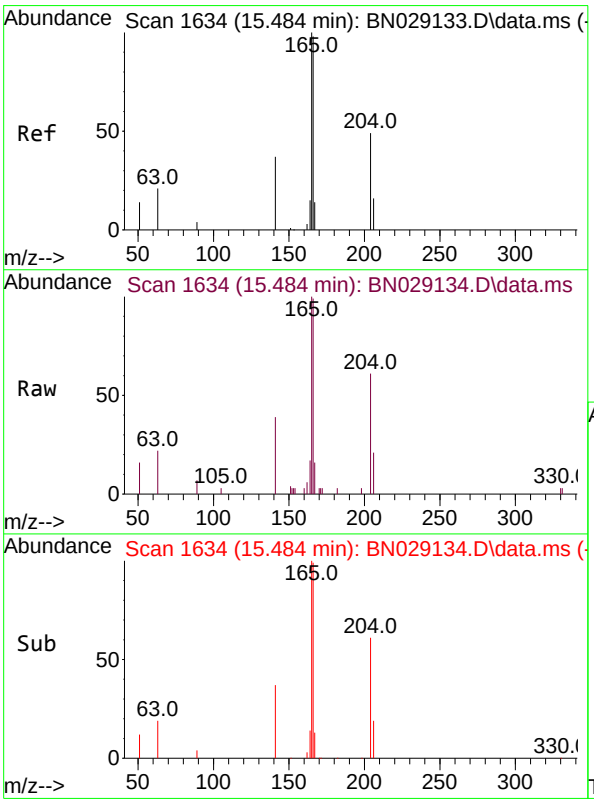
#17
Acenaphthene
Concen: 0.835 ng
RT: 14.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 2146

Ion	Ratio	Lower	Upper
154	100		
153	121.3	99.9	149.9
152	58.2	47.4	71.2

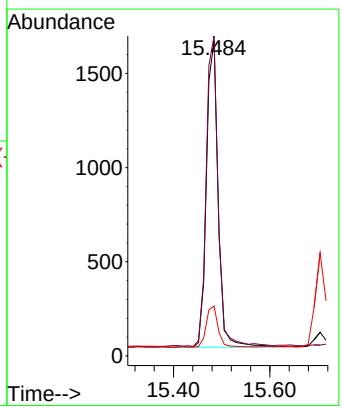


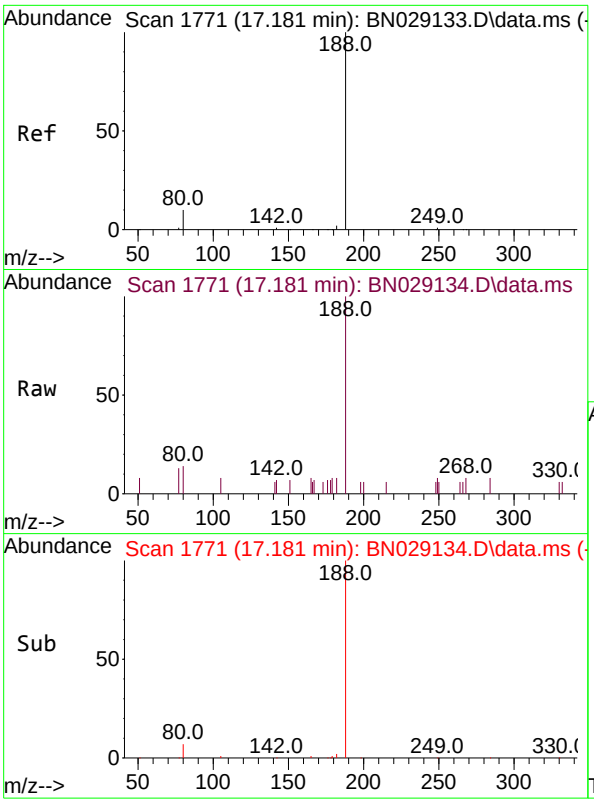


#18
Fluorene
Concen: 0.845 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:166 Resp: 2930

Ion	Ratio	Lower	Upper
166	100		
165	101.7	84.3	126.5
167	13.4	11.8	17.8



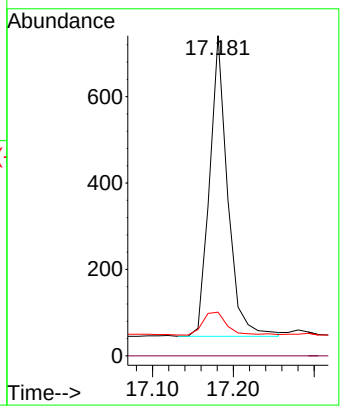


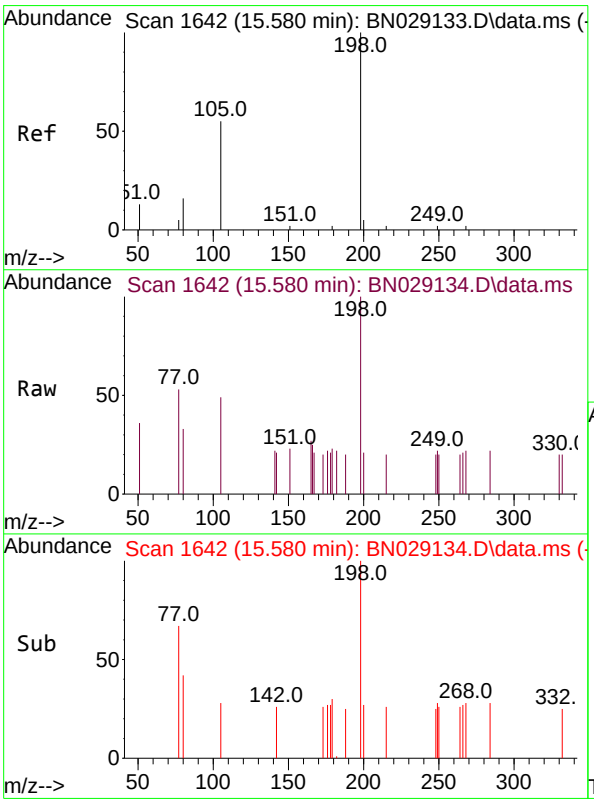
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 1086

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	13.7	20.5#

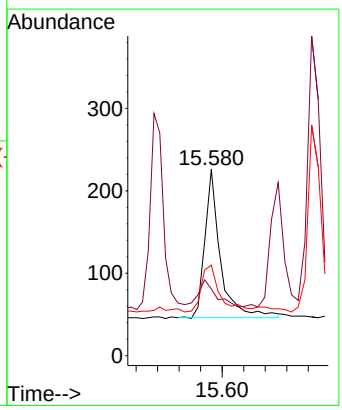


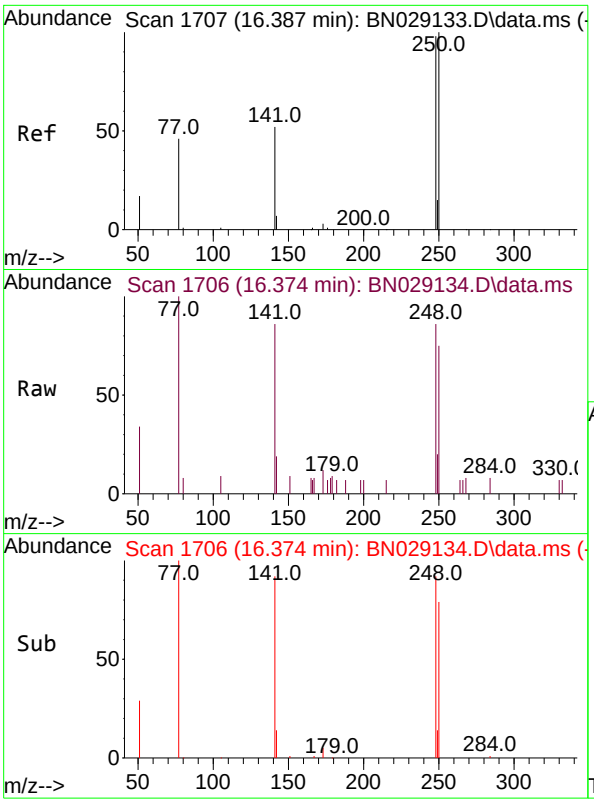


#20
4,6-Dinitro-2-methylphenol
Concen: 0.764 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:198 Resp: 361

Ion	Ratio	Lower	Upper
198	100		
51	35.8	53.6	80.4#
105	48.7	65.6	98.4#



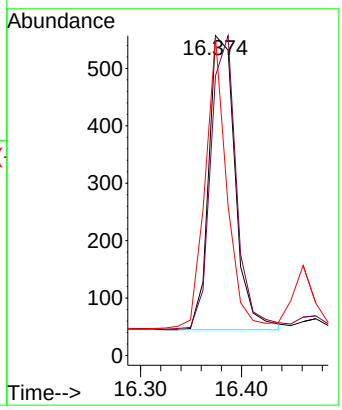


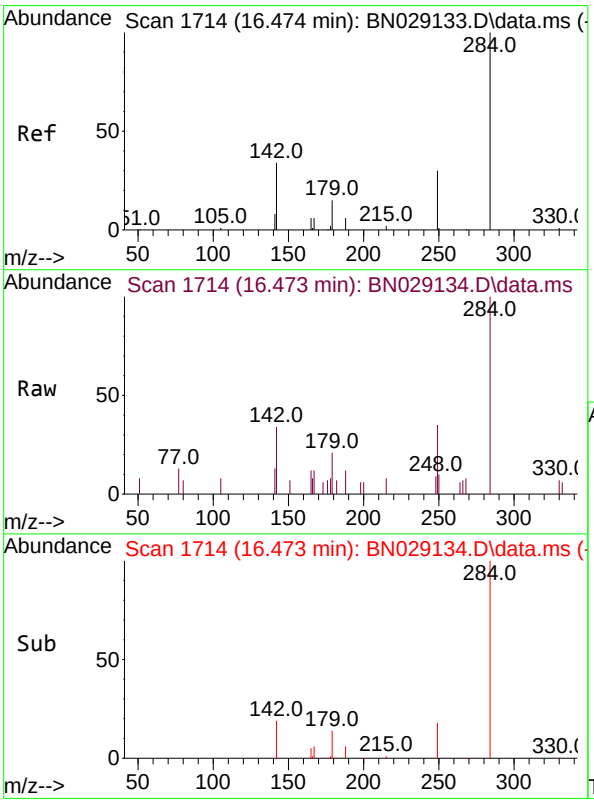
#21
4-Bromophenyl-phenylether
Concen: 0.827 ng
RT: 16.374 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 929

Ion	Ratio	Lower	Upper
248	100		
250	87.4	82.2	123.2
141	99.6	49.7	74.5#

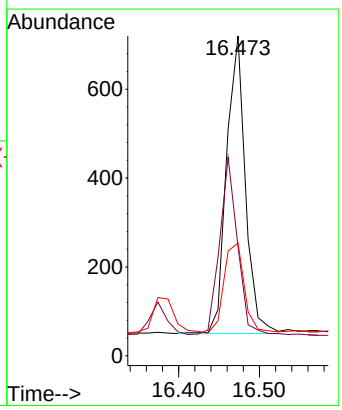


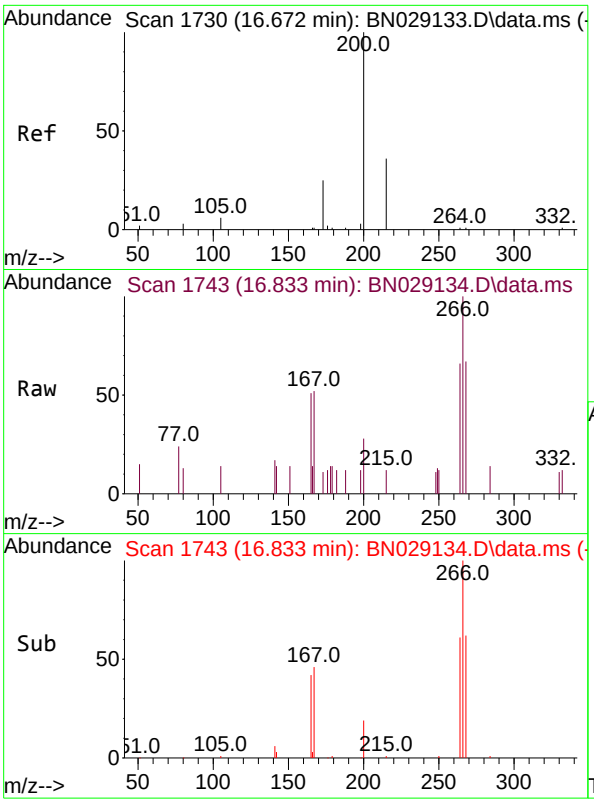


#22
Hexachlorobenzene
Concen: 0.831 ng
RT: 16.473 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:284 Resp: 1087

Ion	Ratio	Lower	Upper
284	100		
142	55.8	46.9	70.3
249	32.9	28.6	43.0



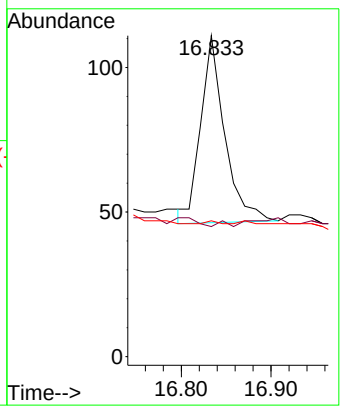


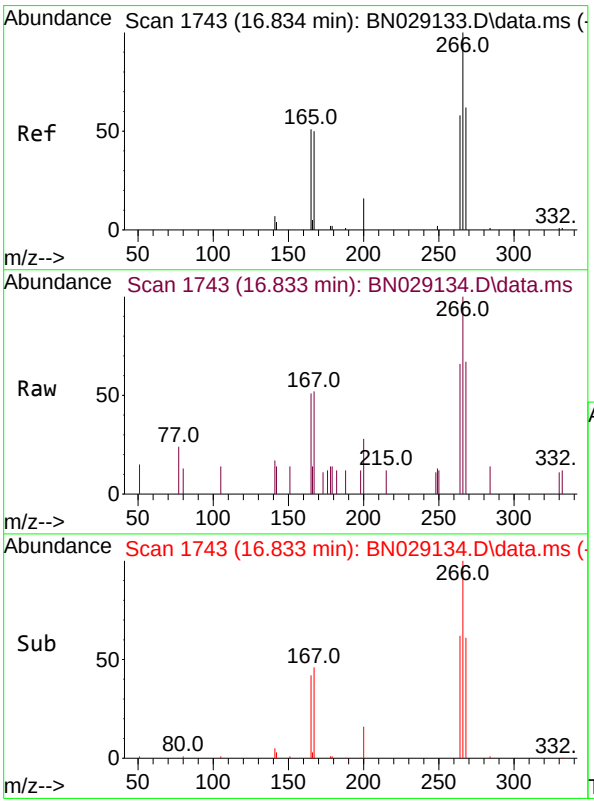
#23
Atrazine
Concen: 0.128 ng
RT: 16.833 min Scan# 1
Delta R.T. 0.161 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 120

Ion	Ratio	Lower	Upper
200	100		
173	40.5	31.4	47.2
215	42.3	38.5	57.7

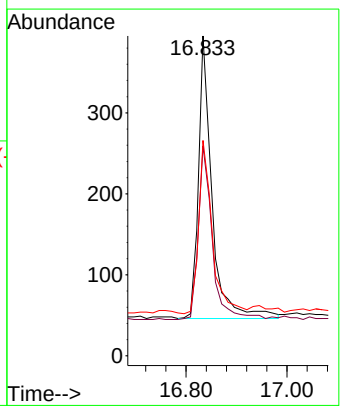


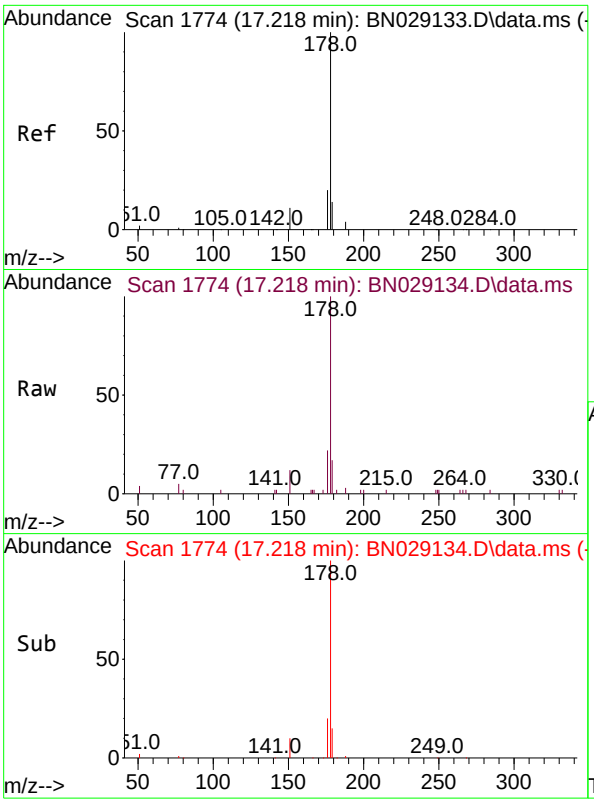


#24
Pentachlorophenol
Concen: 0.844 ng
RT: 16.833 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:266 Resp: 654

Ion	Ratio	Lower	Upper
266	100		
264	62.7	45.0	67.6
268	61.8	55.5	83.3



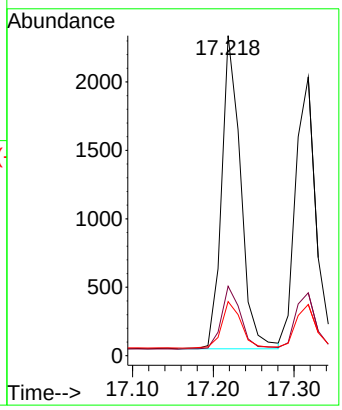


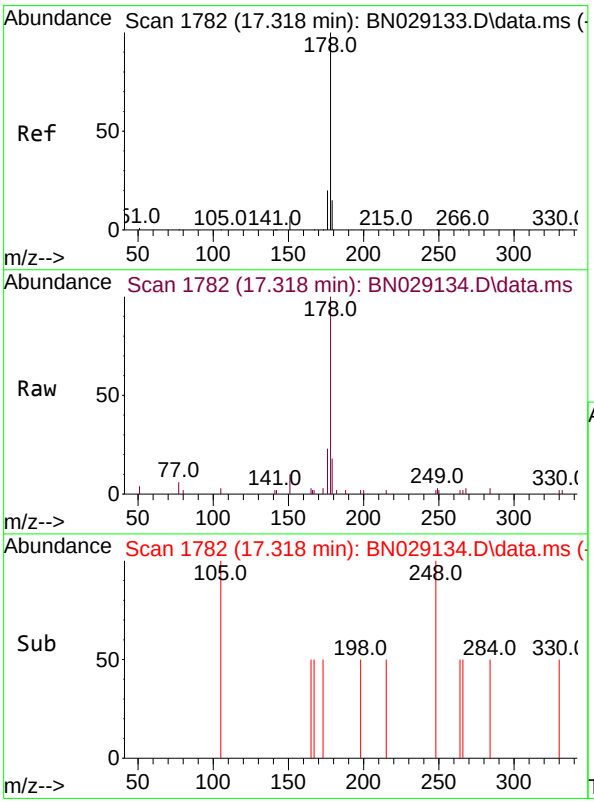
#25
Phenanthrene
Concen: 0.836 ng
RT: 17.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 3747

Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.4	26.0
179	15.2	13.7	20.5

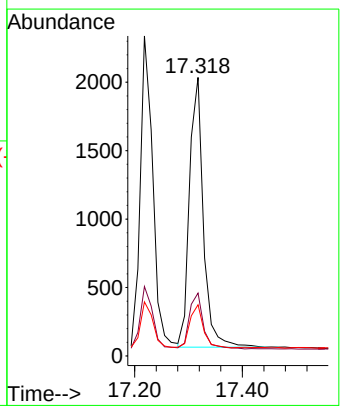


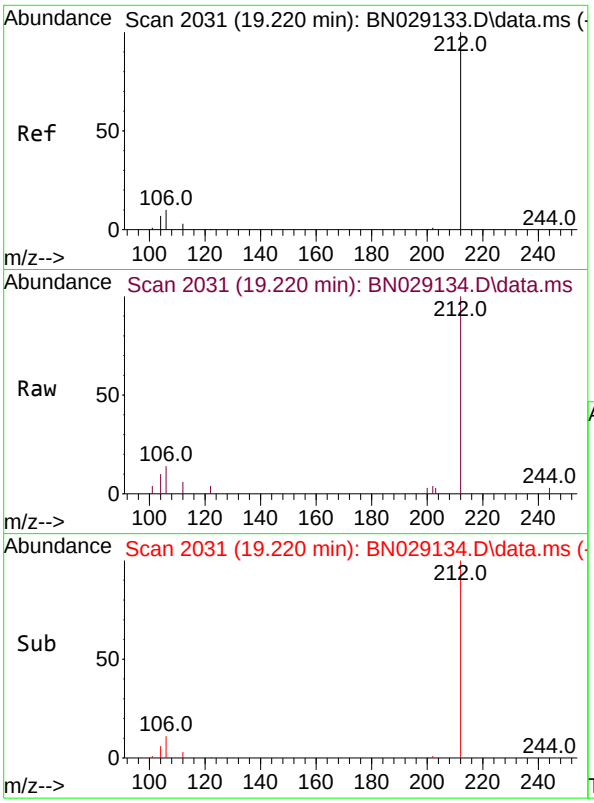


#26
Anthracene
Concen: 0.818 ng
RT: 17.318 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:178 Resp: 3544

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	15.0	11.4	17.0



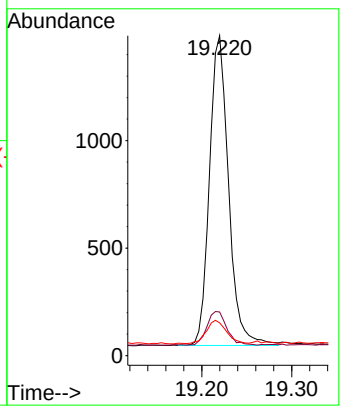


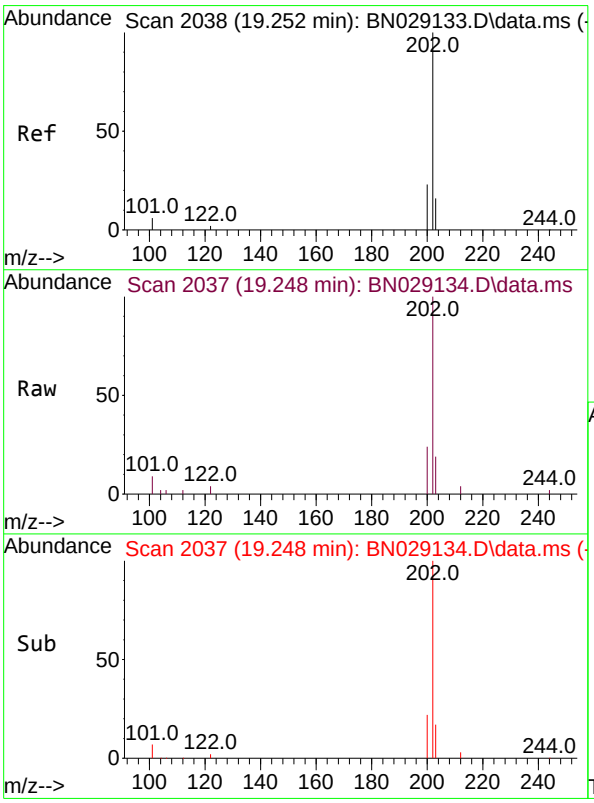
#27
Fluoranthene-d10
Concen: 0.810 ng
RT: 19.220 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 2128

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.6	14.4
104	8.0	6.5	9.7

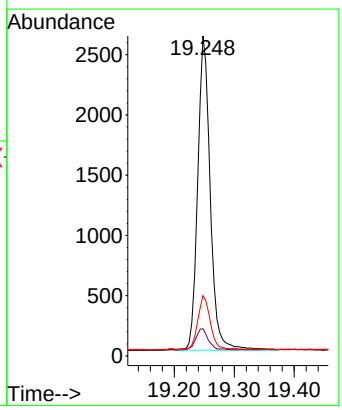


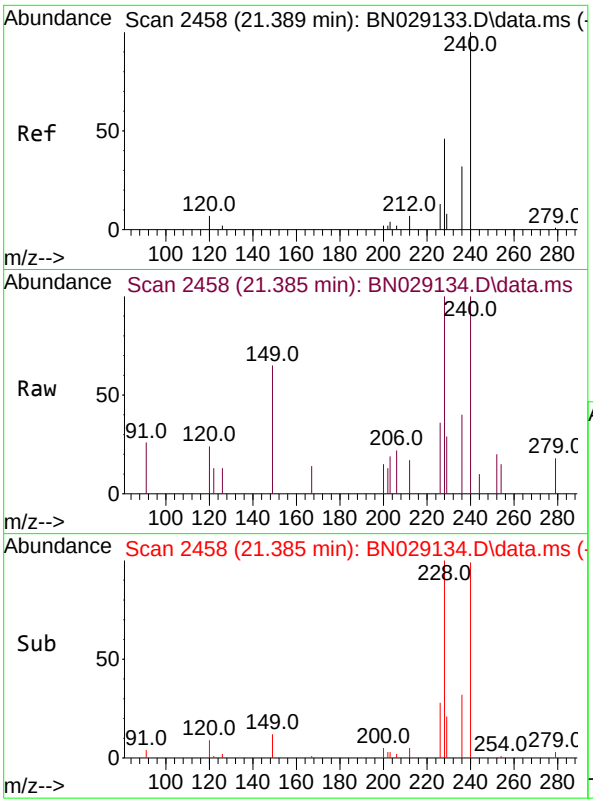


#28
Fluoranthene
Concen: 0.820 ng
RT: 19.248 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:202 Resp: 3799

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.3	7.9
203	16.8	13.8	20.6



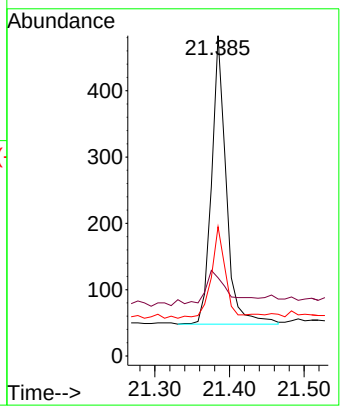


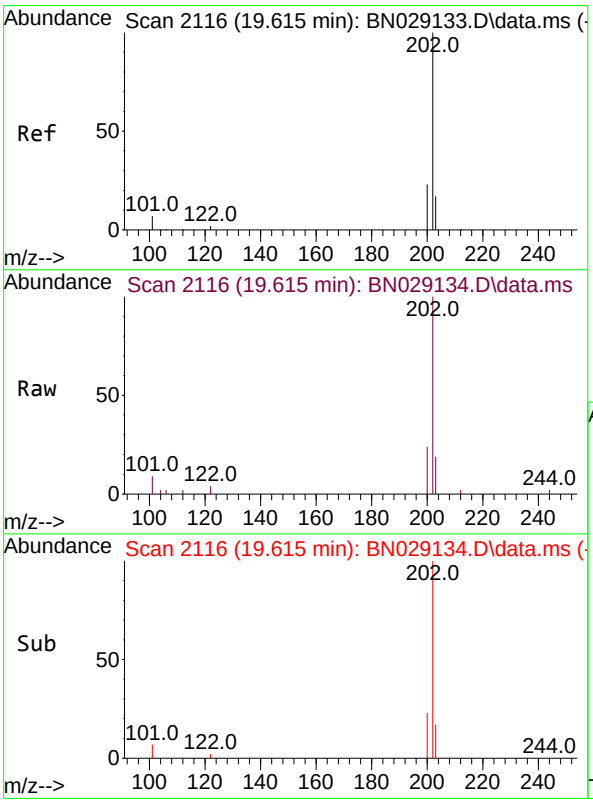
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 591

Ion	Ratio	Lower	Upper
240	100		
120	24.4	21.4	32.0
236	40.4	33.5	50.3

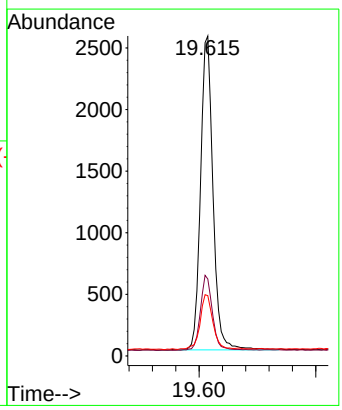


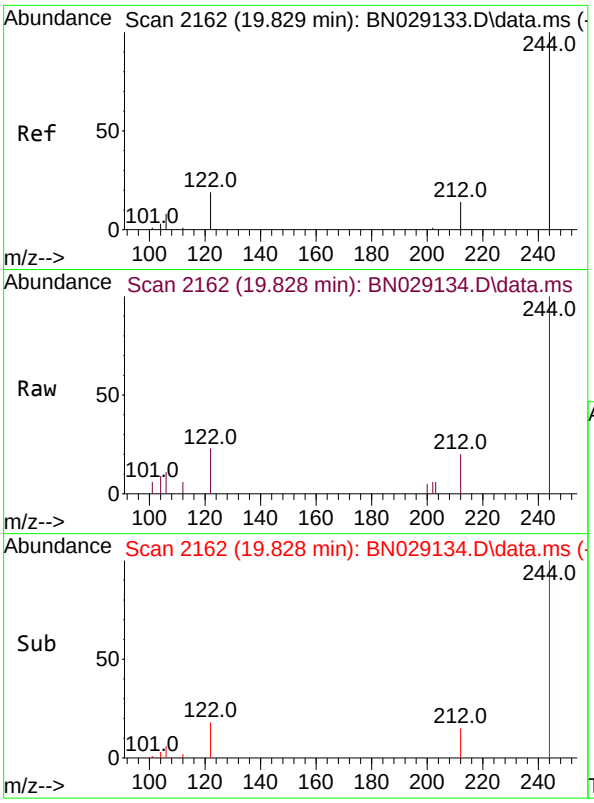


#30
Pyrene
Concen: 0.814 ng
RT: 19.615 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:202 Resp: 3789

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.0	27.0
203	18.0	15.1	22.7



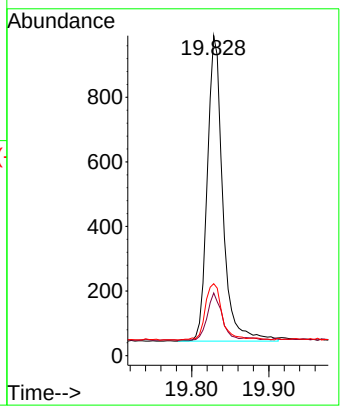


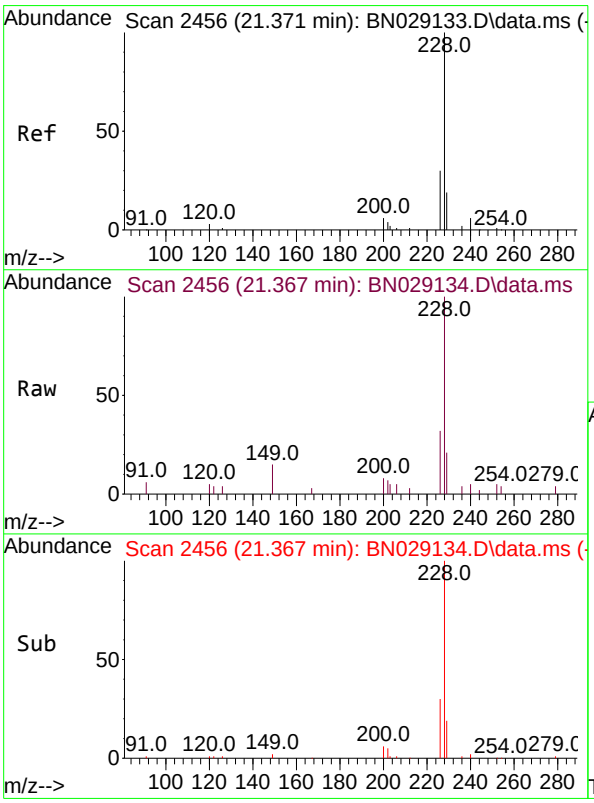
#31
Terphenyl-d14
Concen: 0.812 ng
RT: 19.828 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 1319

Ion	Ratio	Lower	Upper
244	100		
212	19.6	19.0	28.6
122	22.5	22.5	33.7

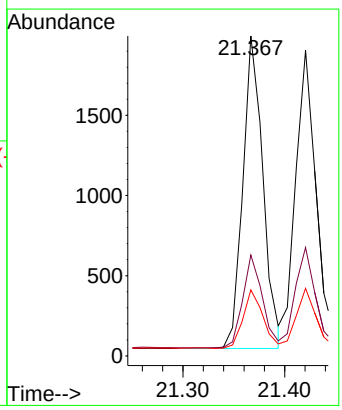


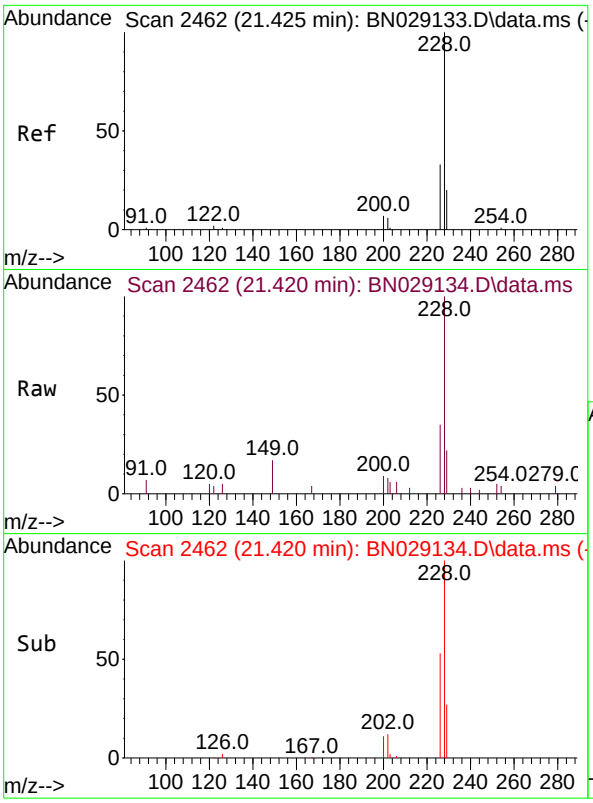


#32
Benzo(a)anthracene
Concen: 0.822 ng
RT: 21.367 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:228 Resp: 2670

Ion	Ratio	Lower	Upper
228	100		
226	31.5	27.6	41.4
229	20.7	19.4	29.0



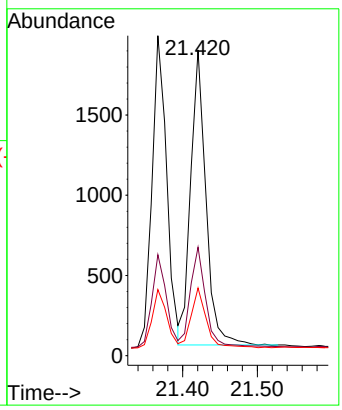


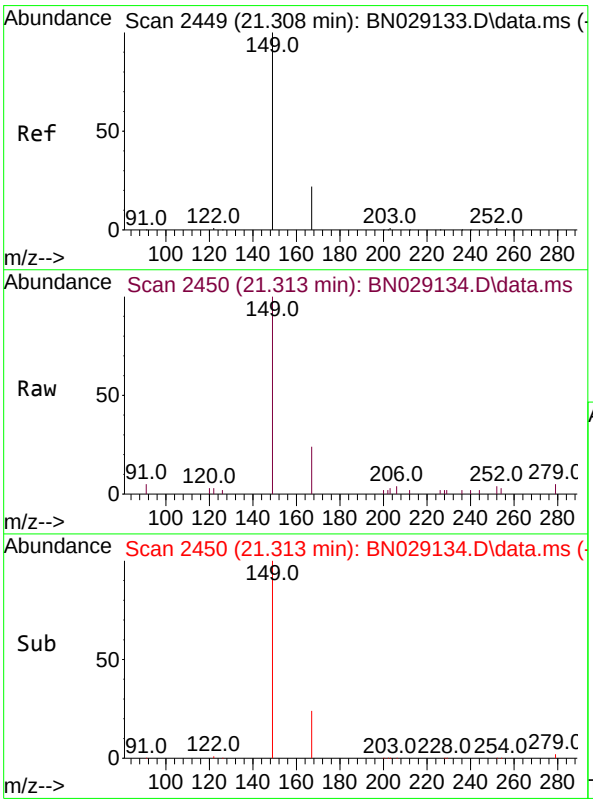
#33
Chrysene
Concen: 0.814 ng
RT: 21.420 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 2615

Ion	Ratio	Lower	Upper
228	100		
226	35.5	29.2	43.8
229	22.1	19.3	28.9

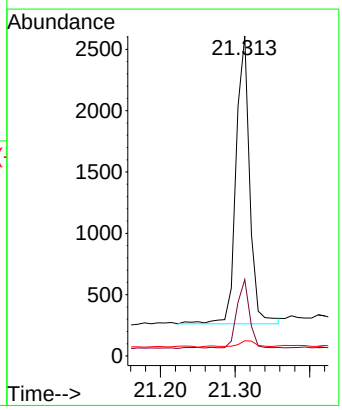


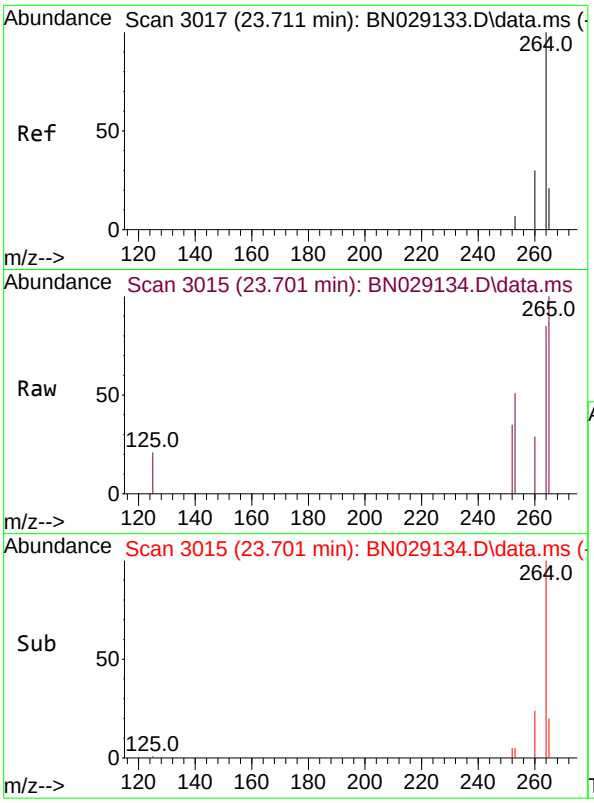


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.837 ng
RT: 21.313 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:149 Resp: 2971

Ion	Ratio	Lower	Upper
149	100		
167	21.3	20.7	31.1
279	2.4	2.5	3.7#



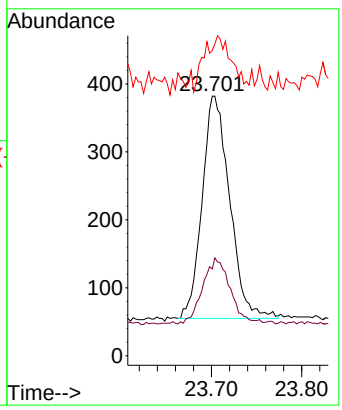


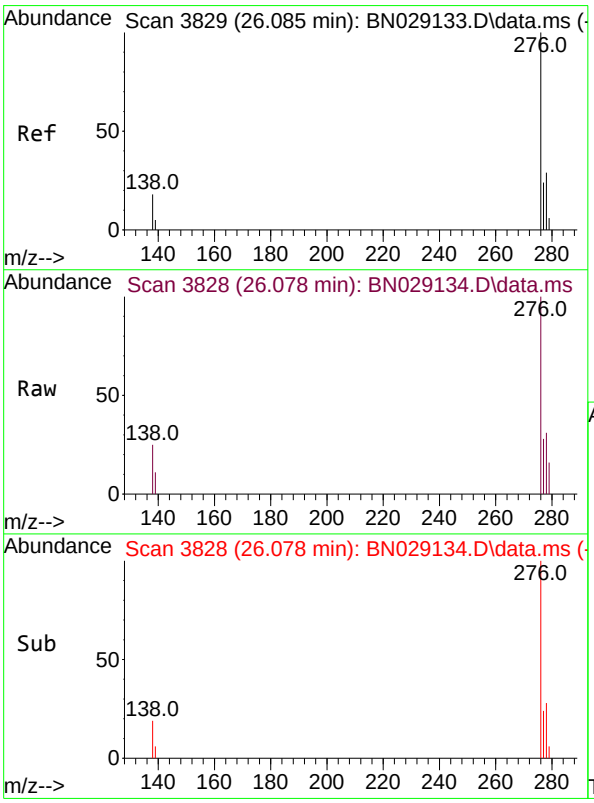
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.701 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 693

Ion	Ratio	Lower	Upper
264	100		
260	33.5	31.0	46.6
265	117.5	105.3	157.9

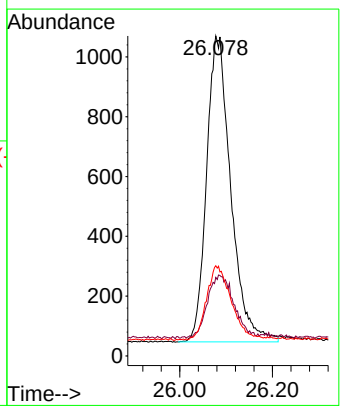


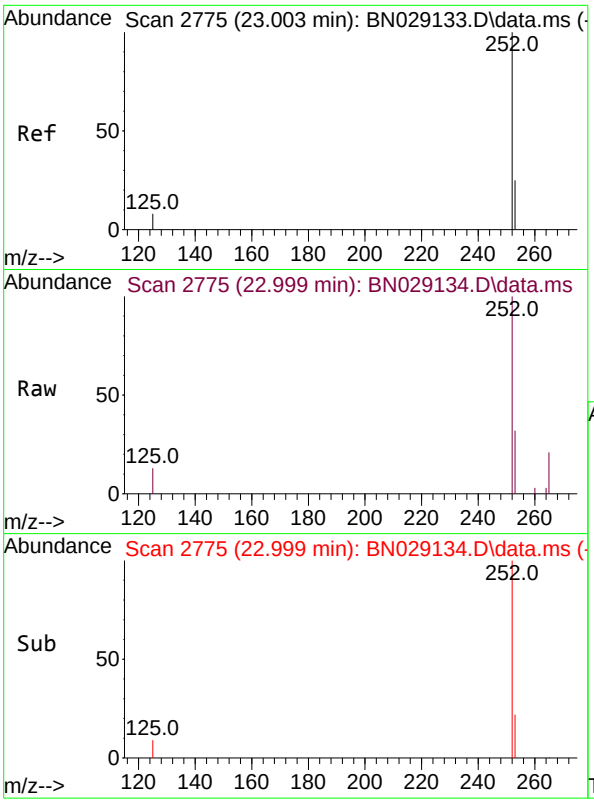


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.835 ng
RT: 26.078 min Scan# 3828
Delta R.T. -0.007 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:276 Resp: 3709

Ion	Ratio	Lower	Upper
276	100		
138	22.0	7.8	11.6#
277	24.1	9.2	13.8#



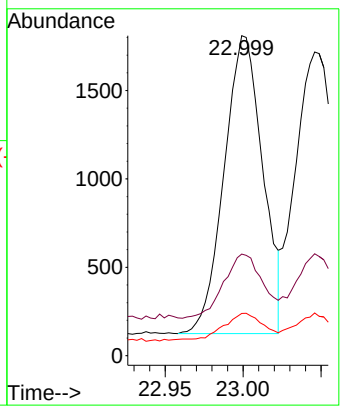


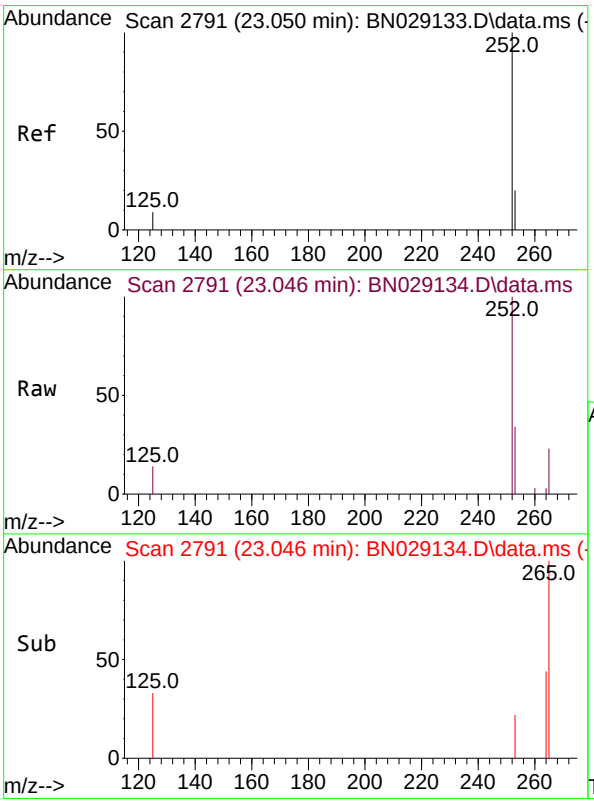
#37
Benzo(b)fluoranthene
Concen: 0.823 ng
RT: 22.999 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 2902

Ion	Ratio	Lower	Upper
252	100		
253	31.8	36.0	54.0#
125	13.2	14.6	21.8#

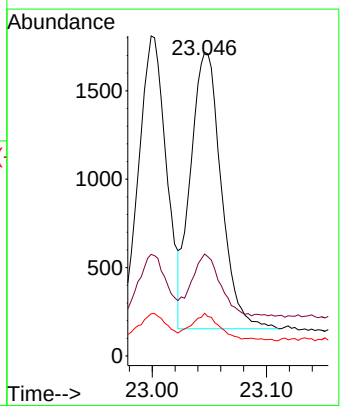


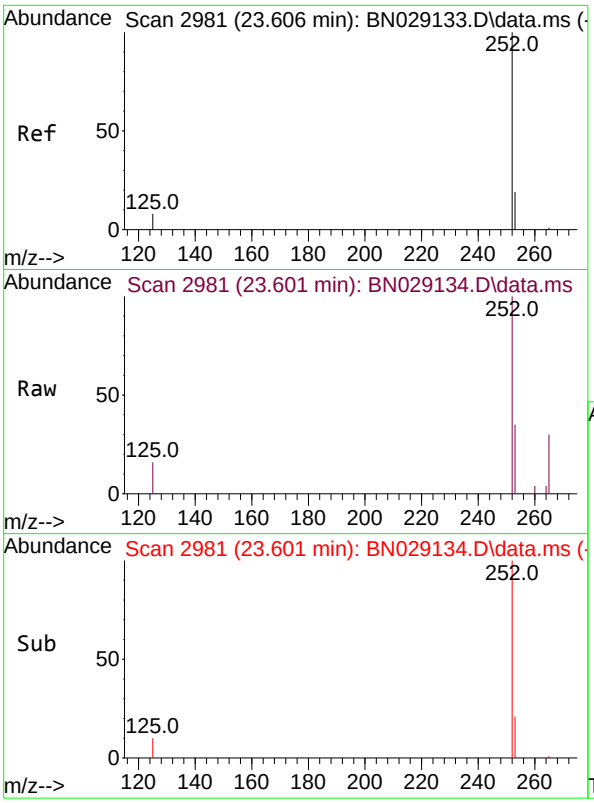


#38
Benzo(k)fluoranthene
Concen: 0.846 ng
RT: 23.046 min Scan# 2791
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:252 Resp: 2919

Ion	Ratio	Lower	Upper
252	100		
253	33.6	35.0	52.6#
125	14.1	14.6	21.8#



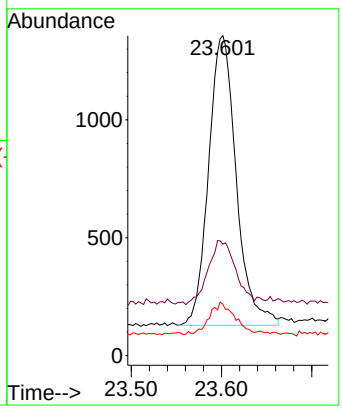


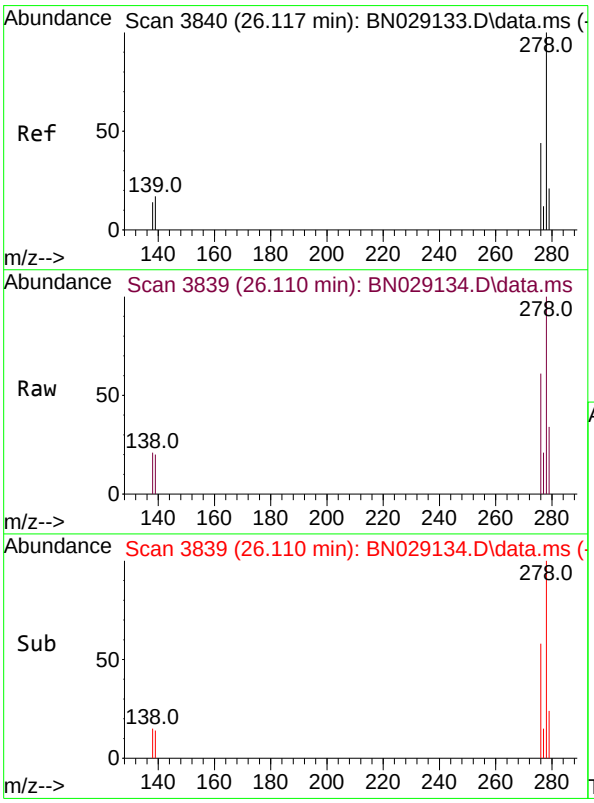
#39
Benzo(a)pyrene
Concen: 0.832 ng
RT: 23.601 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 2616

Ion	Ratio	Lower	Upper
252	100		
253	34.9	40.3	60.5#
125	16.1	16.7	25.1#

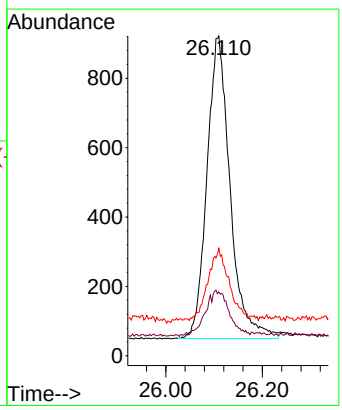


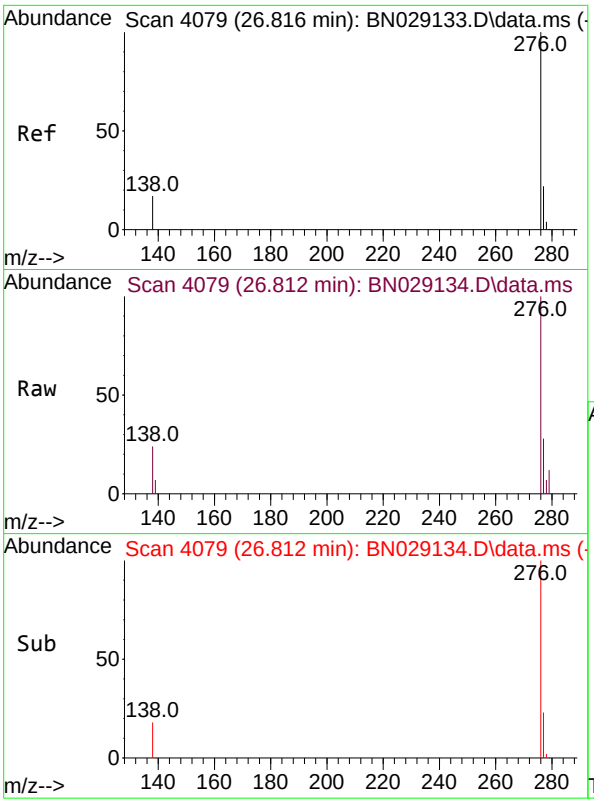


#40
Dibenzo(a,h)anthracene
Concen: 0.844 ng
RT: 26.110 min Scan# 3839
Delta R.T. -0.007 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Tgt Ion:278 Resp: 2897

Ion	Ratio	Lower	Upper
278	100		
139	20.0	24.2	36.2#
279	33.6	34.9	52.3#





#41
Benzo(g,h,i)perylene
Concen: 0.831 ng
RT: 26.812 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN029134.D
Acq: 20 Dec 2023 14:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 3141

Ion	Ratio	Lower	Upper
276	100		
277	27.9	25.5	38.3
138	23.6	22.9	34.3