Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110723\
Data File : BN028489.D
Acq On : 07 Nov 2023 13:12
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 07 16:51:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 15:43:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	7738	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	23811	0.400	ng		0.00
13) Acenaphthene-d10	14.364	164	15170	0.400	ng		0.00
19) Phenanthrene-d10	17.109	188	35496	0.400	ng		0.00
29) Chrysene-d12	21.329	240	30578	0.400	ng		0.00
35) Perylene-d12	23.643	264	30301	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	18853	0.815	ng		0.00
5) Phenol-d6	6.886	99	23801	0.800	ng		0.00
8) Nitrobenzene-d5	8.864	82	17042	0.801	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	34033	0.824	ng		0.00
14) 2,4,6-Tribromophenol	15.855	330	6359	0.748	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	54124	0.811	ng		0.00
27) Fluoranthene-d10	19.153	212	88400	0.815	ng		0.00
31) Terphenyl-d14	19.766	244	65869	0.810	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	7669	0.818	ng		96
3) n-Nitrosodimethylamine	3.506	42	8860	0.828	ng	#	98
6) bis(2-Chloroethyl)ether	7.146	93	20151	0.818	ng		99
9) Naphthalene	10.551	128	60808	0.818	ng		99
10) Hexachlorobutadiene	10.850	225	10817	0.819	ng	#	99
12) 2-Methylnaphthalene	12.178	142	41703	0.819	ng		99
16) Acenaphthylene	14.075	152	64246	0.805	ng		100
17) Acenaphthene	14.417	154	42885	0.806	ng		99
18) Fluorene	15.412	166	60217	0.801	ng		99
20) 4,6-Dinitro-2-methylph...	15.497	198	4674	0.714	ng	#	78
21) 4-Bromophenyl-phenylether	16.315	248	19000	0.802	ng		97
22) Hexachlorobenzene	16.414	284	20276	0.817	ng		98
23) Atrazine	16.588	200	16894	0.808	ng		98
24) Pentachlorophenol	16.761	266	8136	0.766	ng		99
25) Phenanthrene	17.146	178	95013	0.807	ng		99
26) Anthracene	17.245	178	86450	0.802	ng		100
28) Fluoranthene	19.185	202	114198	0.809	ng		100
30) Pyrene	19.547	202	117877	0.809	ng		100
32) Benzo(a)anthracene	21.311	228	102815	0.804	ng		100
33) Chrysene	21.364	228	105848	0.829	ng		99
34) Bis(2-ethylhexyl)phtha...	21.266	149	61183	0.774	ng		99
36) Indeno(1,2,3-cd)pyrene	26.023	276	98585	0.807	ng		100
37) Benzo(b)fluoranthene	22.941	252	105257	0.843	ng		98
38) Benzo(k)fluoranthene	22.988	252	102156	0.838	ng		96
39) Benzo(a)pyrene	23.538	252	87077	0.816	ng		96
40) Dibenzo(a,h)anthracene	26.040	278	76692	0.805	ng		94
41) Benzo(g,h,i)perylene	26.745	276	85014	0.805	ng		99

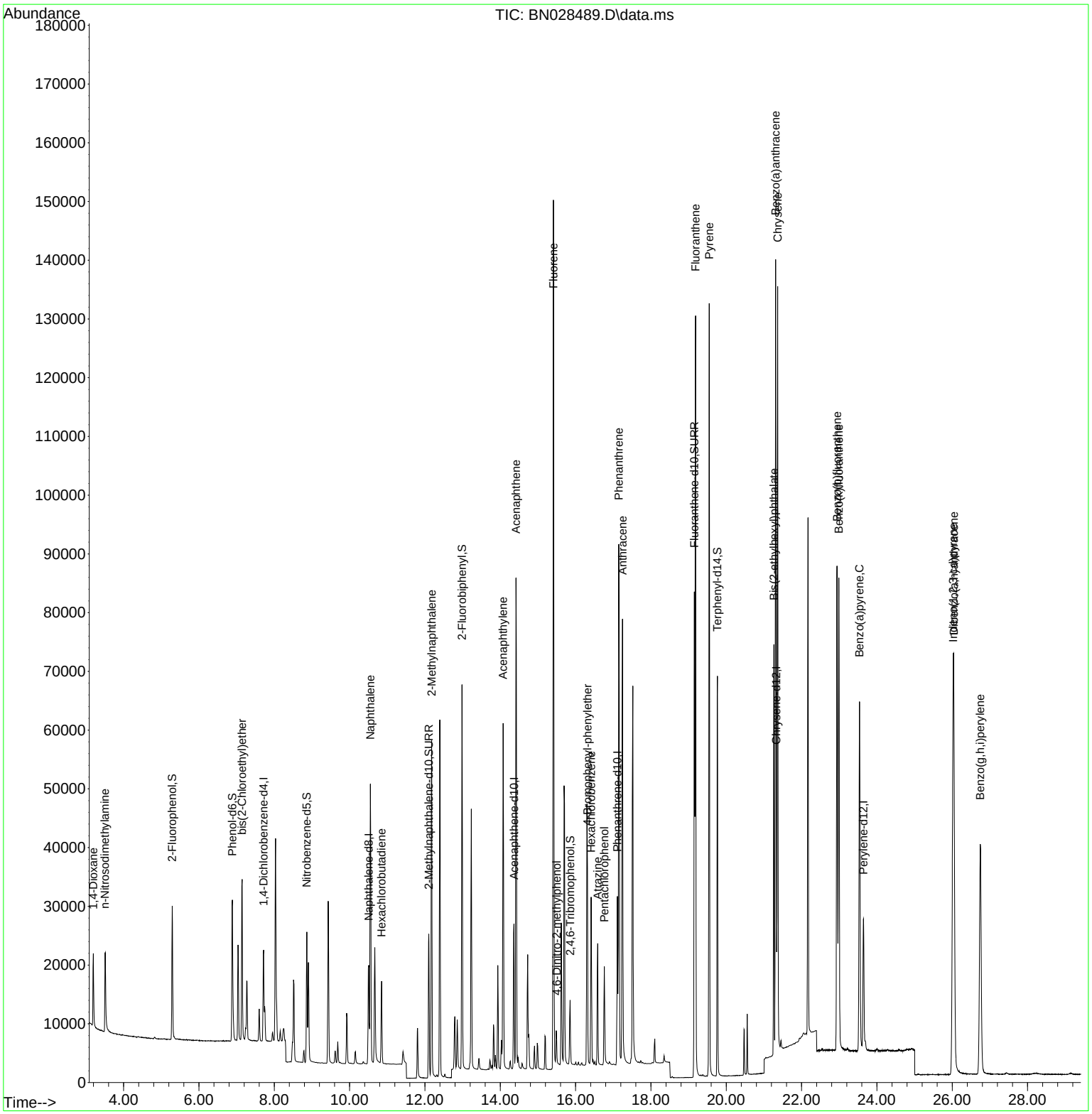
(#) = qualifier out of range (m) = manual integration (+) = signals summed

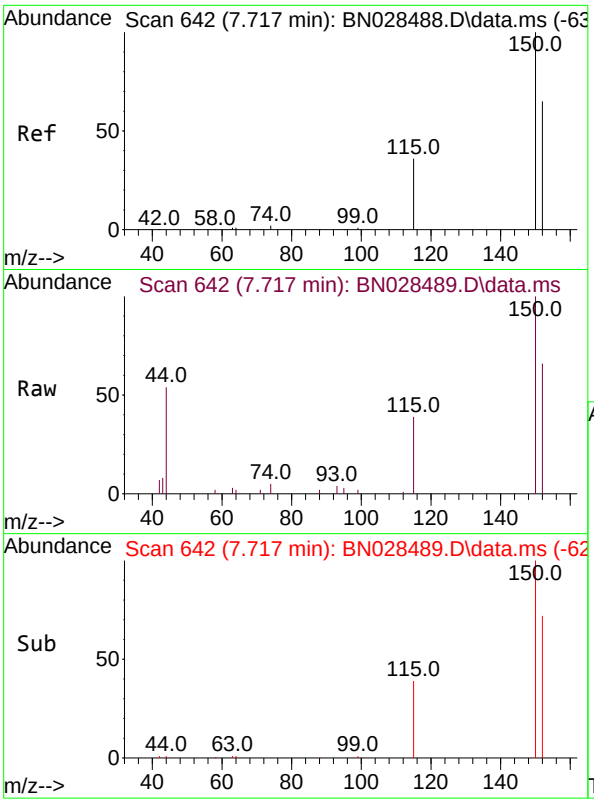
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110723\
Data File : BN028489.D
Acq On : 07 Nov 2023 13:12
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 07 16:51:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 15:43:27 2023
Response via : Initial Calibration



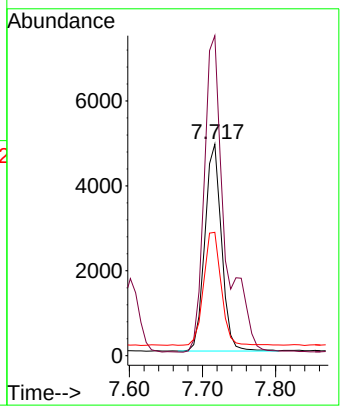


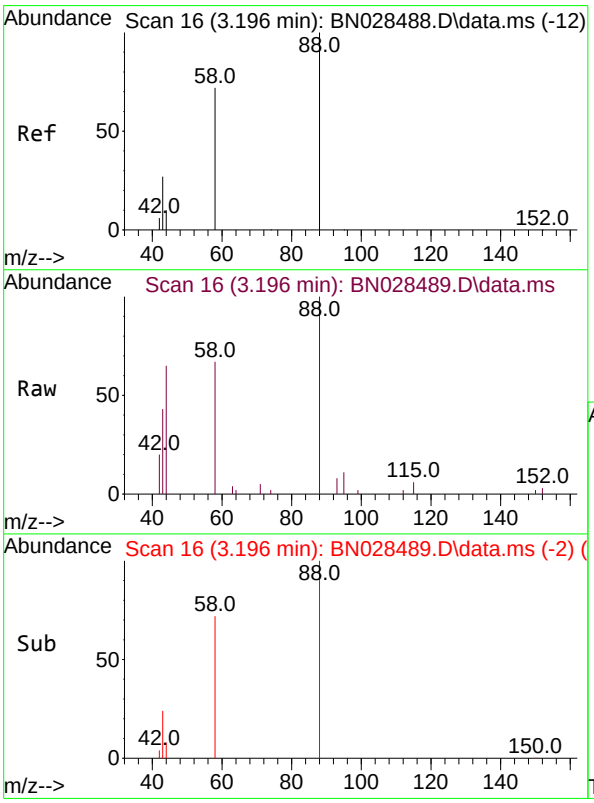
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 7738

Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.5	183.7
115	58.3	47.5	71.3

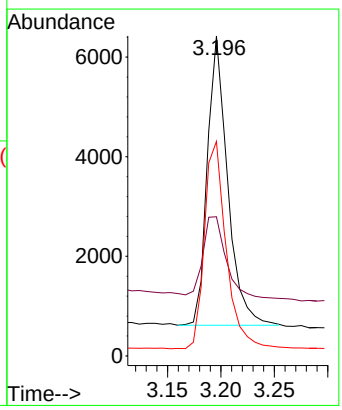


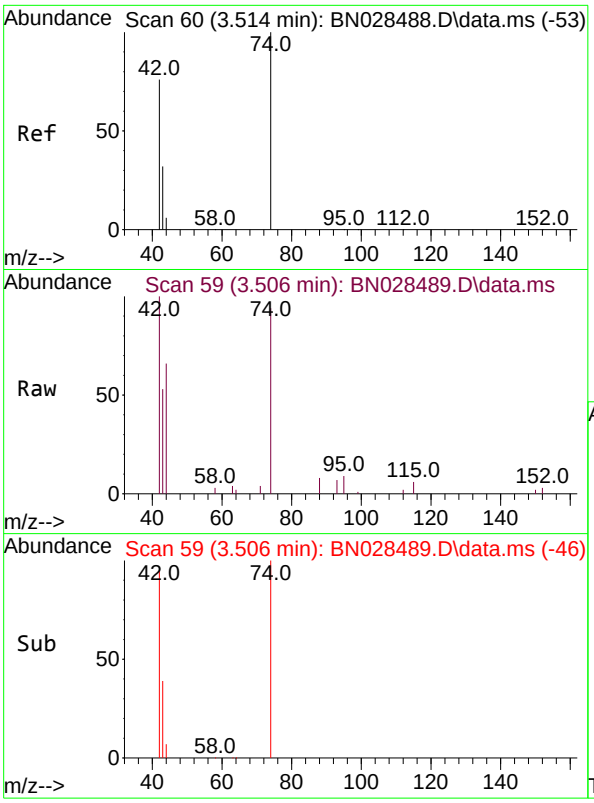


#2
1,4-Dioxane
Concen: 0.818 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion: 88 Resp: 7669

Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.0	43.4
58	77.0	60.2	90.2



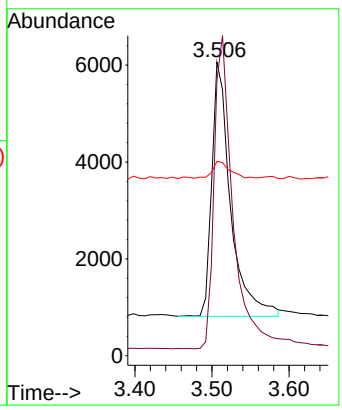


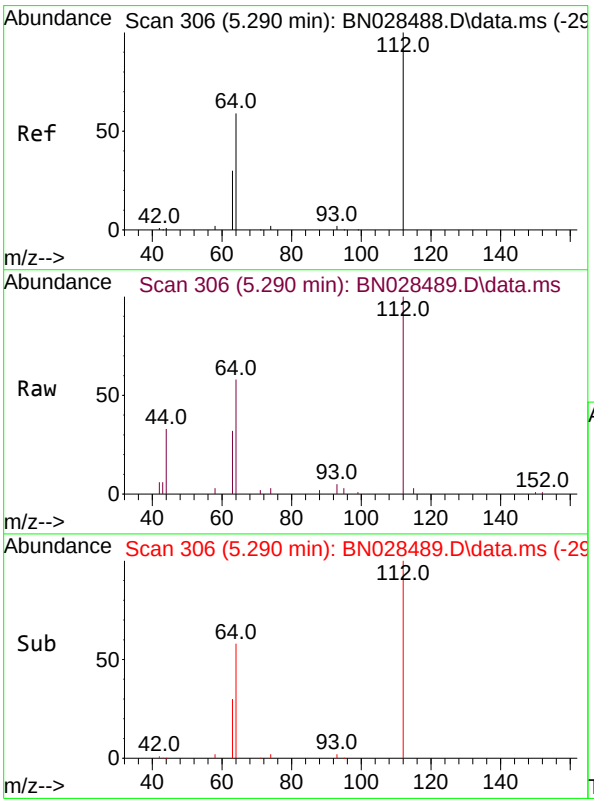
#3
n-Nitrosodimethylamine
Concen: 0.828 ng
RT: 3.506 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 8860

Ion	Ratio	Lower	Upper
42	100		
74	123.6	100.8	151.2
44	6.4	7.3	10.9#

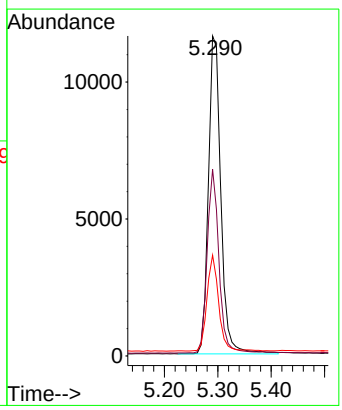


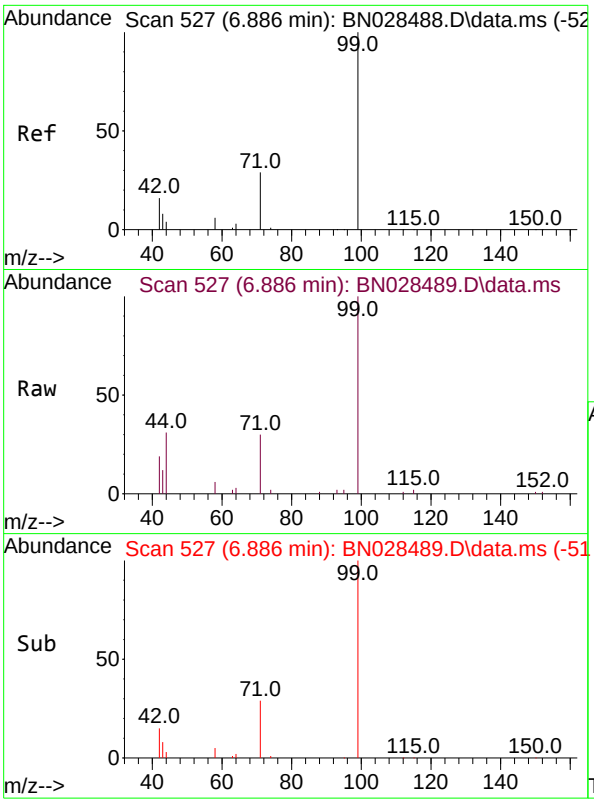


#4
2-Fluorophenol
Concen: 0.815 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:112 Resp: 18853

Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.6	67.0
63	28.4	23.3	34.9



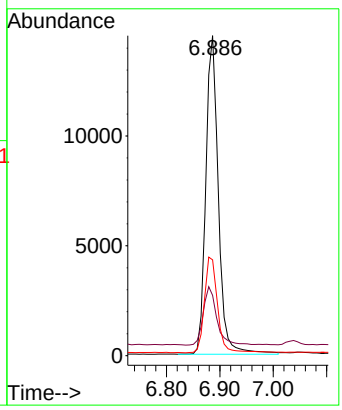


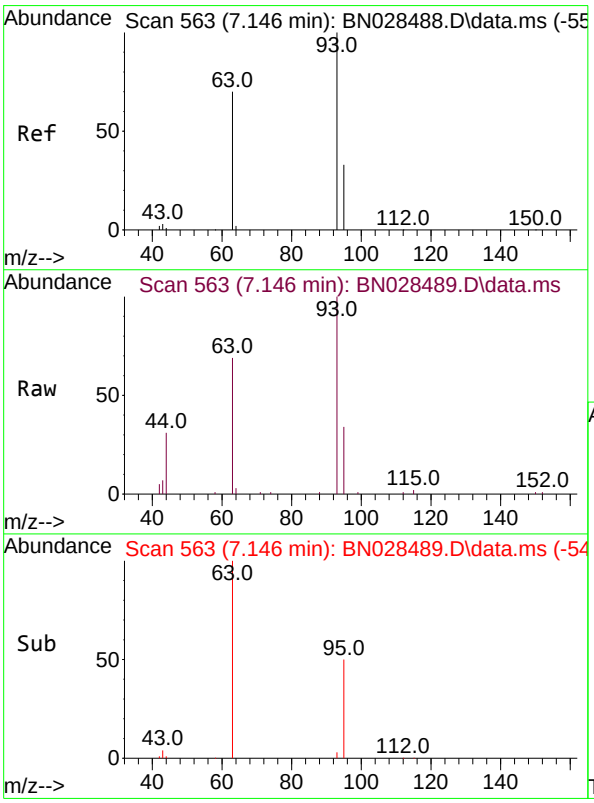
#5
Phenol-d6
Concen: 0.800 ng
RT: 6.886 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 23801

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.8
71	31.6	25.1	37.7

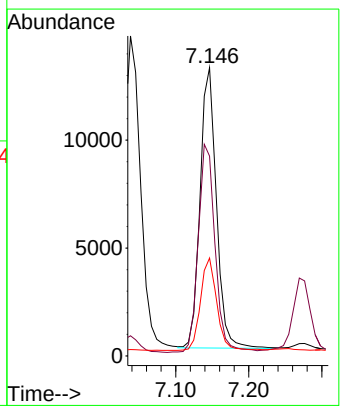


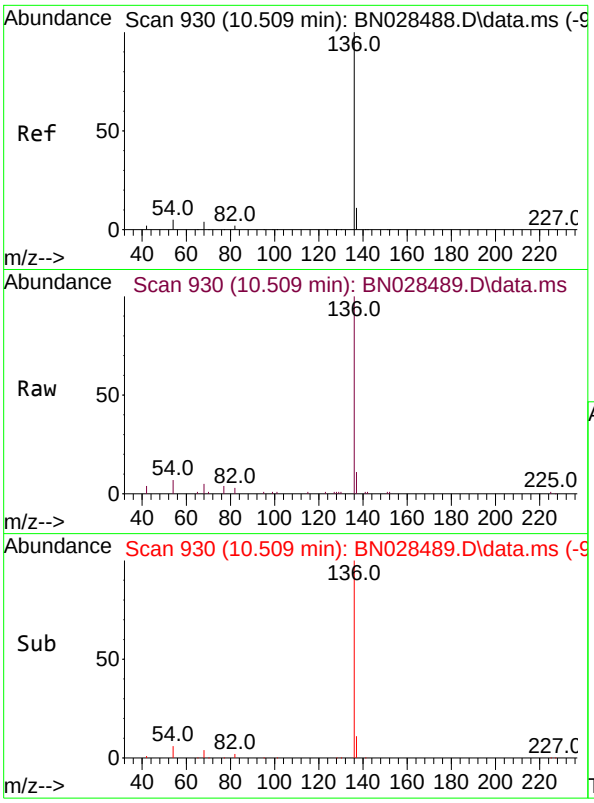


#6
bis(2-Chloroethyl)ether
Concen: 0.818 ng
RT: 7.146 min Scan# 563
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion: 93 Resp: 20151

Ion	Ratio	Lower	Upper
93	100		
63	76.7	60.9	91.3
95	32.9	26.2	39.2



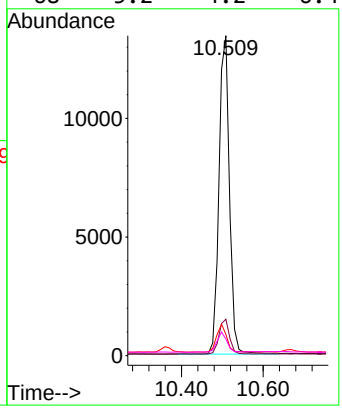


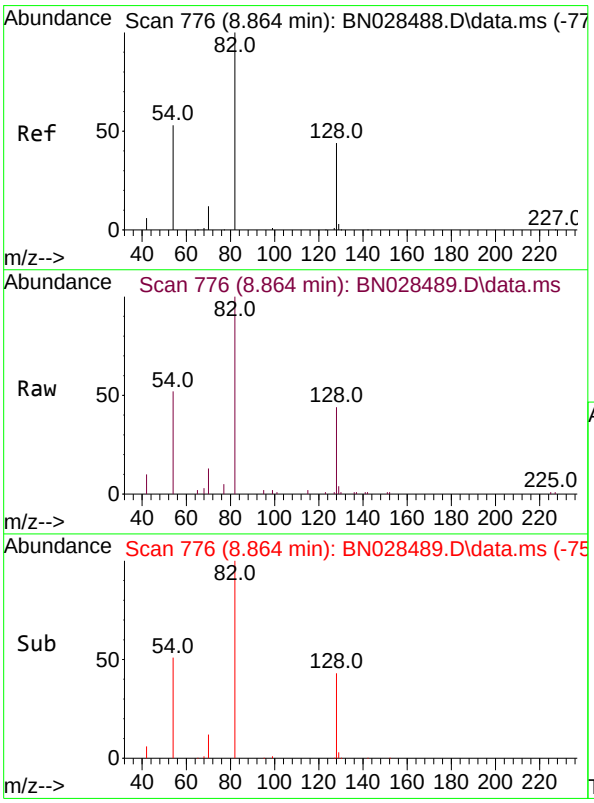
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 23811

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.6	5.1	7.7
68	5.2	4.2	6.4

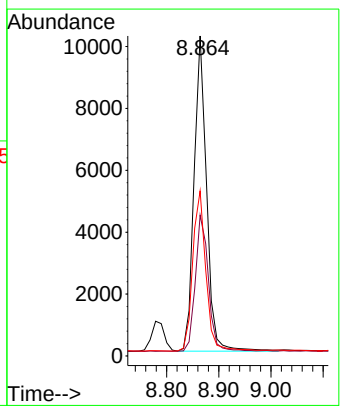


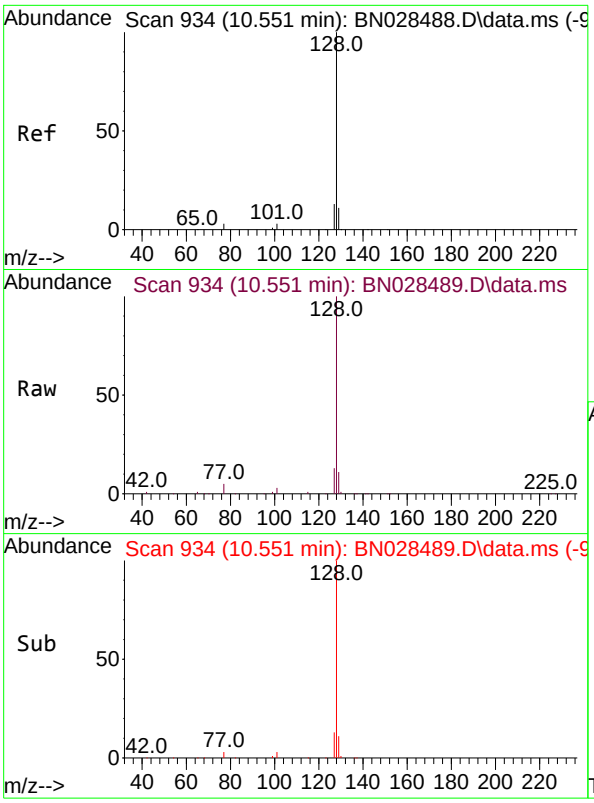


#8
Nitrobenzene-d5
Concen: 0.801 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion: 82 Resp: 17042

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.5	54.7
54	51.6	43.8	65.8



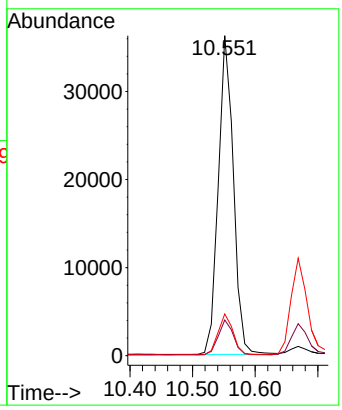


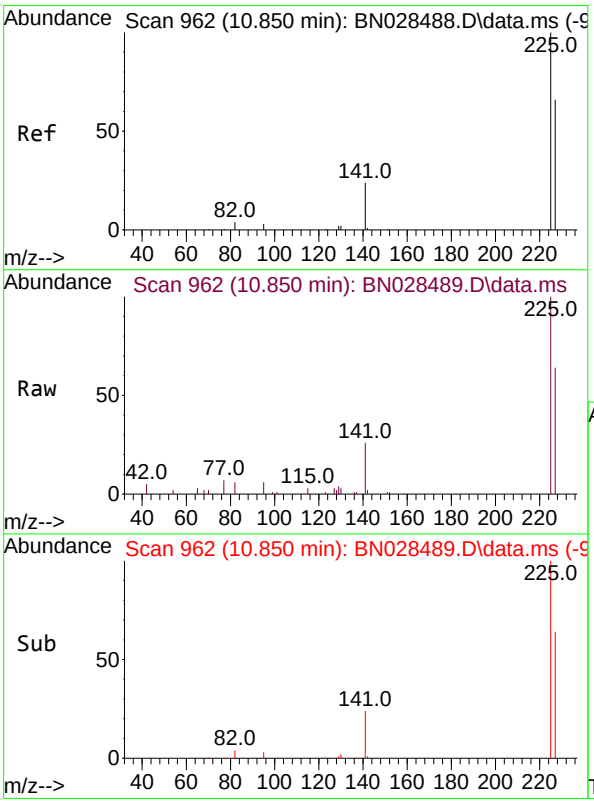
#9
Naphthalene
Concen: 0.818 ng
RT: 10.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 60808

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.1	10.6	15.8

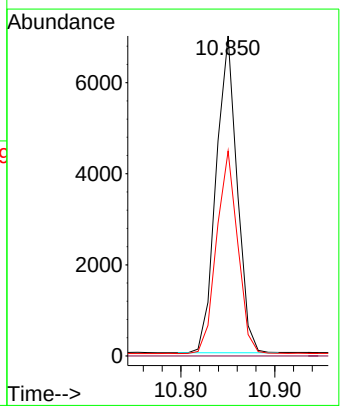


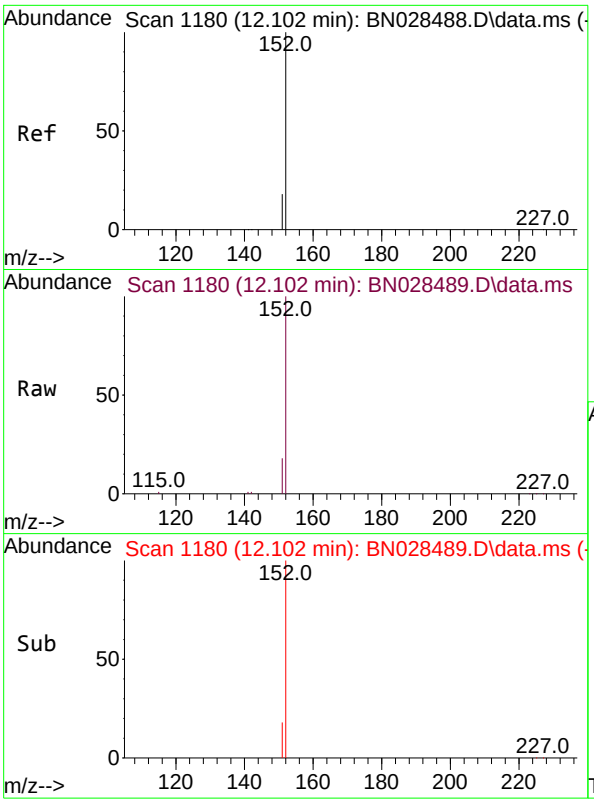


#10
Hexachlorobutadiene
Concen: 0.819 ng
RT: 10.850 min Scan# 962
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:225 Resp: 10817

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.9	77.9



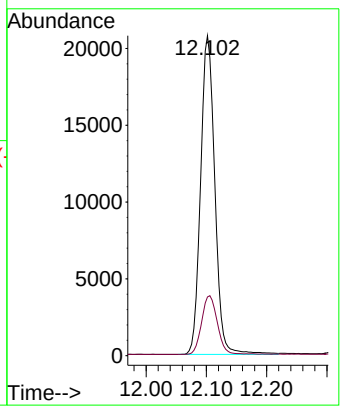


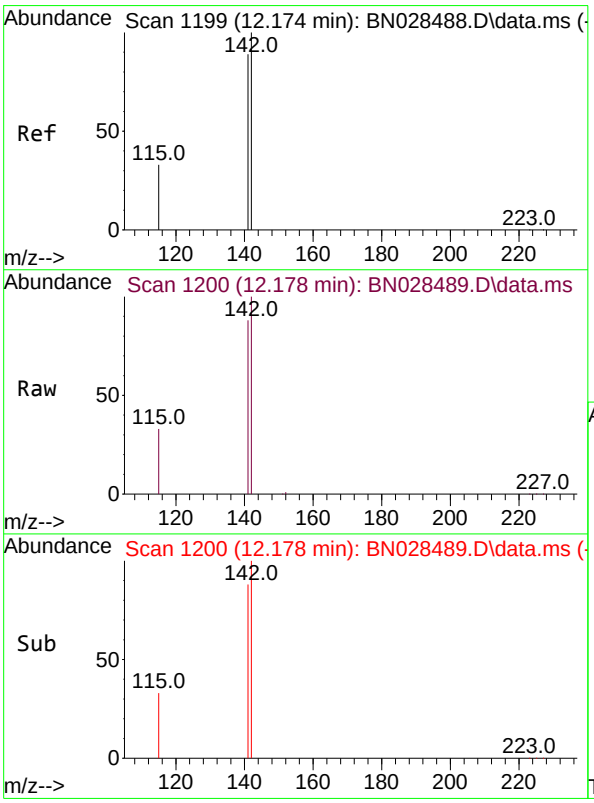
#11
2-Methylnaphthalene-d10
Concen: 0.824 ng
RT: 12.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 34033

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

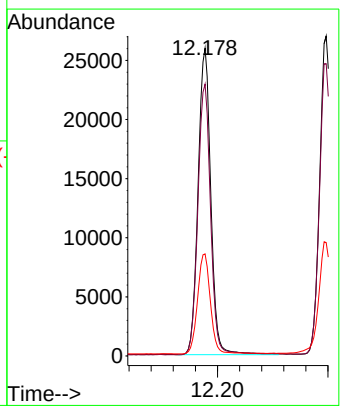


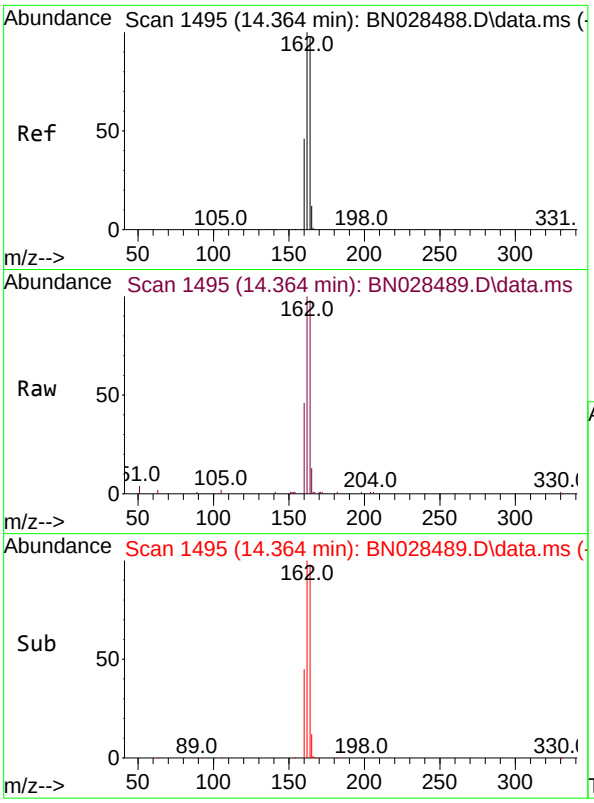


#12
2-Methylnaphthalene
Concen: 0.819 ng
RT: 12.178 min Scan# 1200
Delta R.T. 0.004 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:142 Resp: 41703

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	33.2	27.6	41.4



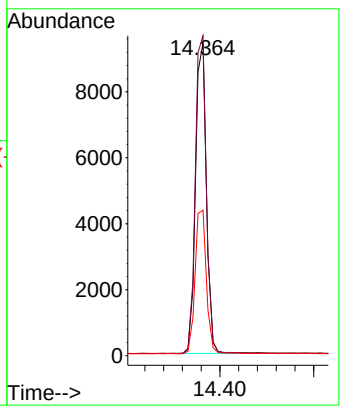


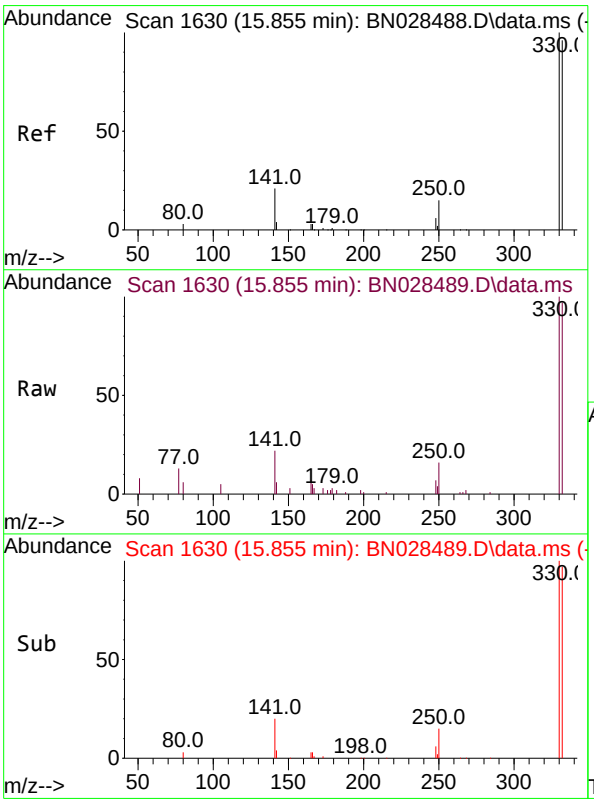
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.364 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 15170

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.5	123.7
160	46.5	38.1	57.1

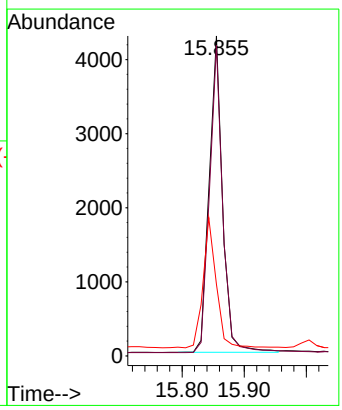


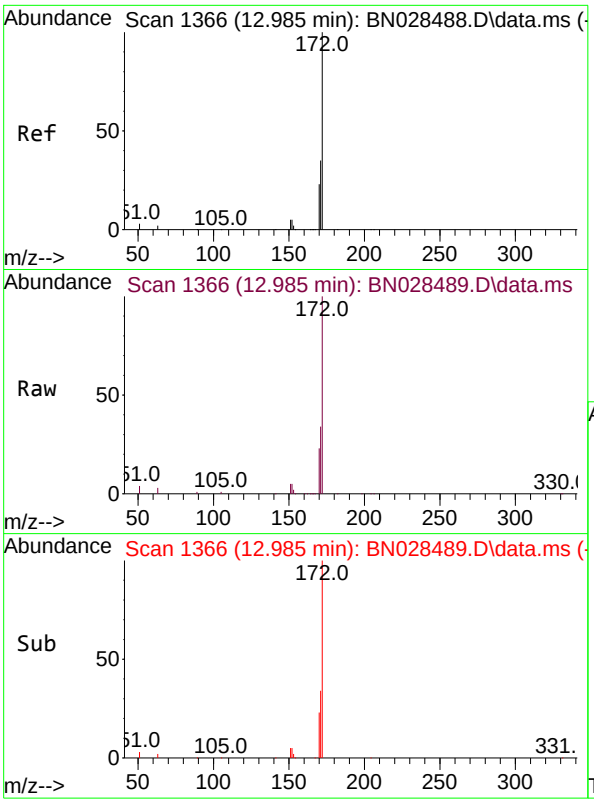


#14
2,4,6-Tribromophenol
Concen: 0.748 ng
RT: 15.855 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:330 Resp: 6359

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.4
141	40.4	32.6	49.0



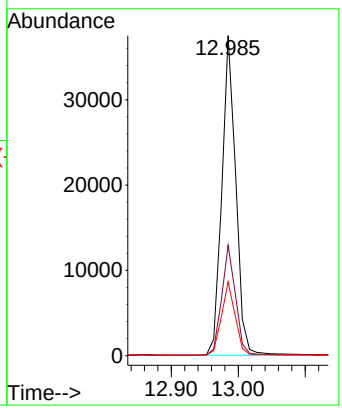


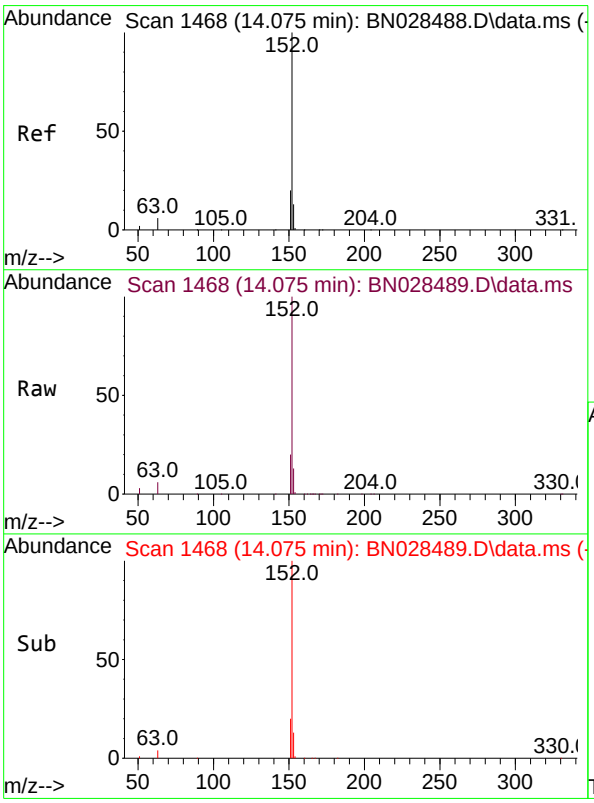
#15
2-Fluorobiphenyl
Concen: 0.811 ng
RT: 12.985 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 54124

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.1	18.9	28.3

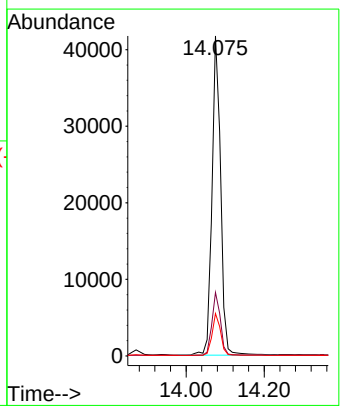


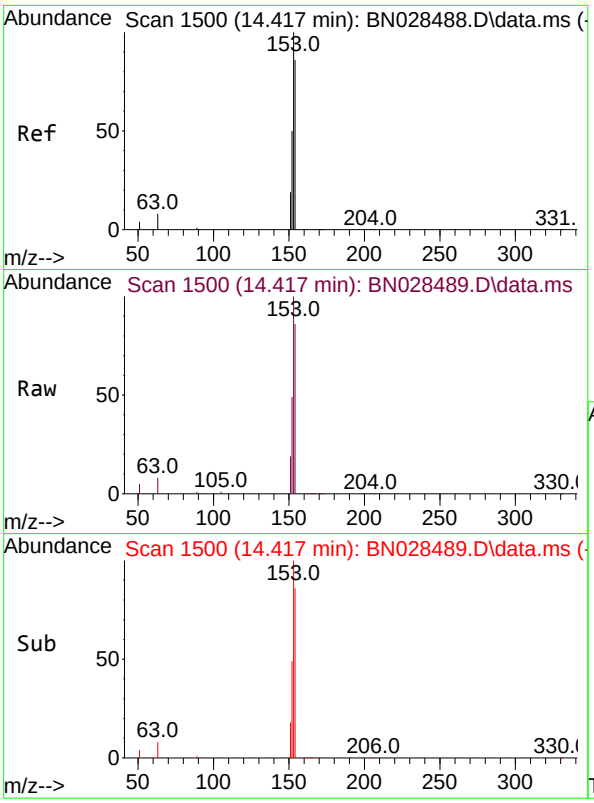


#16
Acenaphthylene
Concen: 0.805 ng
RT: 14.075 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:152 Resp: 64246

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0
153	12.9	10.5	15.7



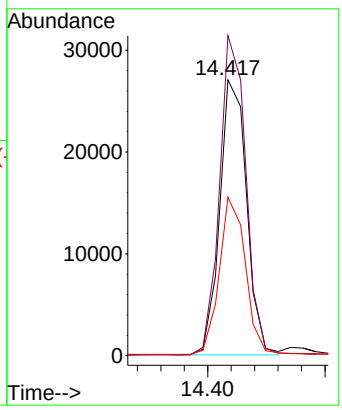


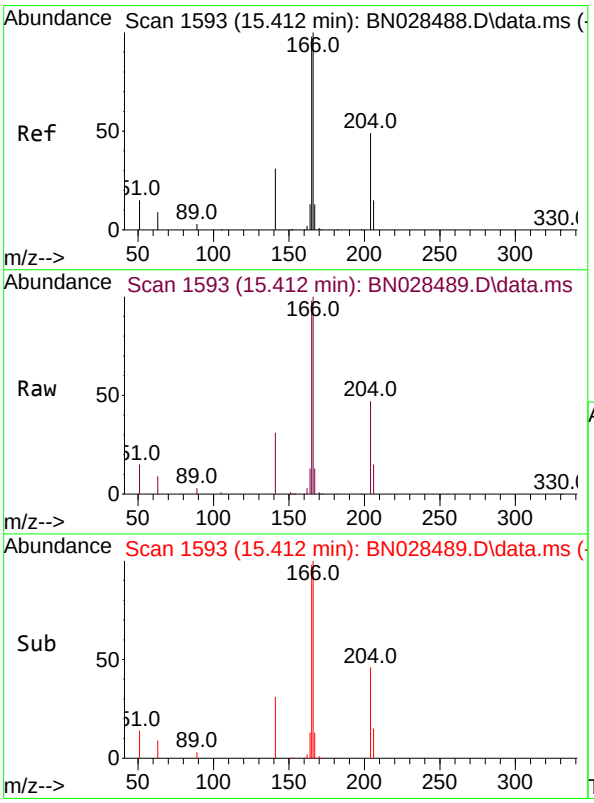
#17
Acenaphthene
Concen: 0.806 ng
RT: 14.417 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 42885

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.0	138.0
152	55.9	45.4	68.0

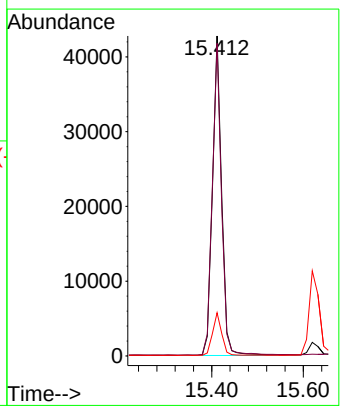


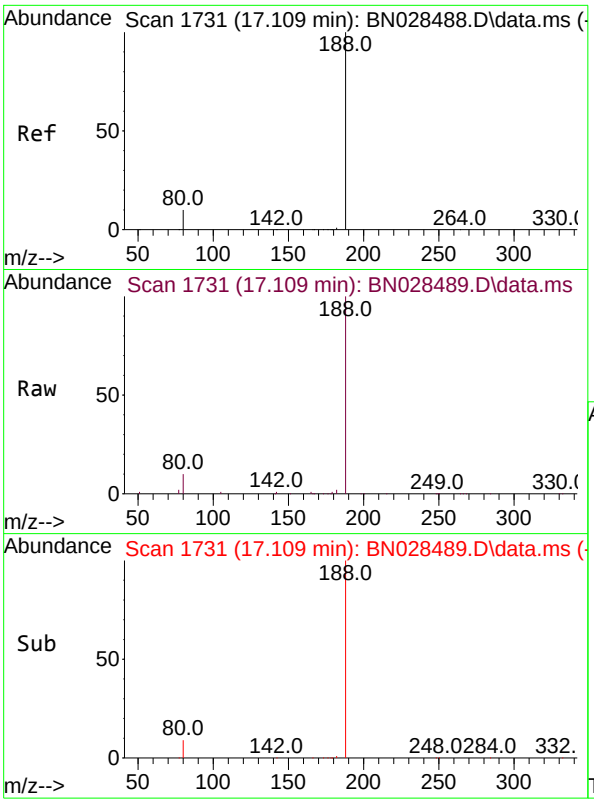


#18
Fluorene
Concen: 0.801 ng
RT: 15.412 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:166 Resp: 60217

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	13.4	10.6	16.0



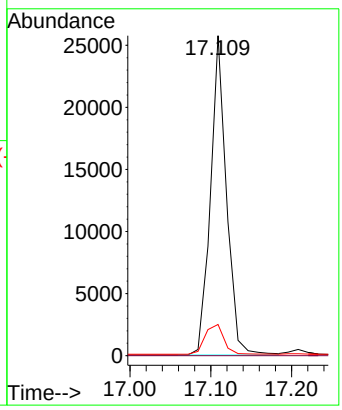


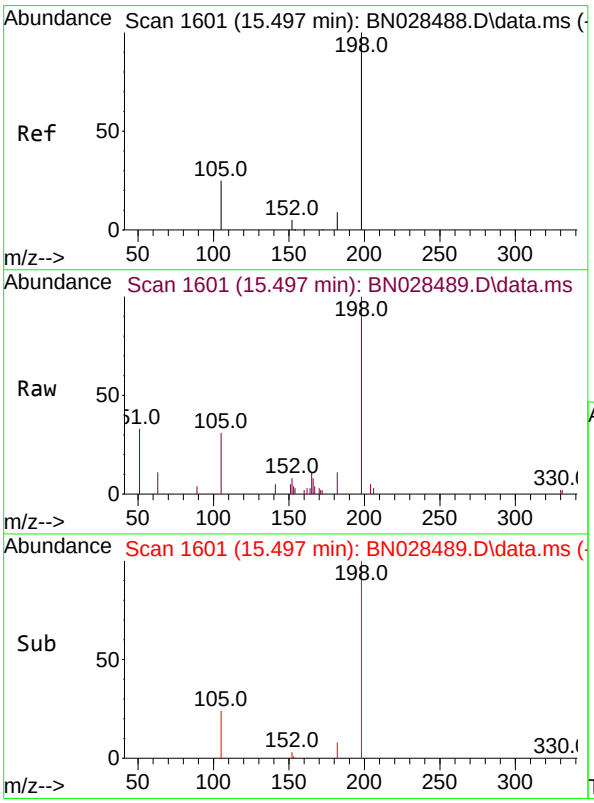
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 35496

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	8.3	12.5

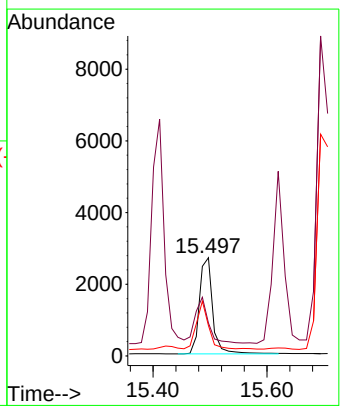


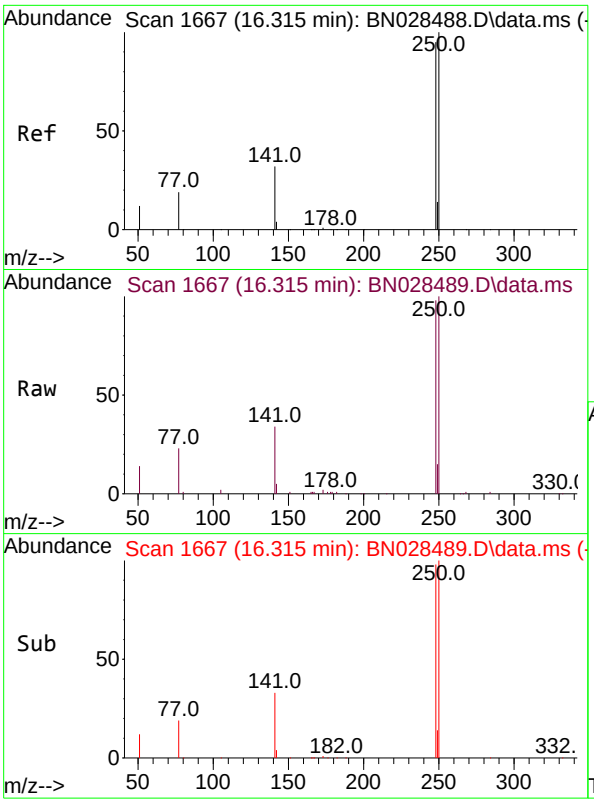


#20
4,6-Dinitro-2-methylphenol
Concen: 0.714 ng
RT: 15.497 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:198 Resp: 4674

Ion	Ratio	Lower	Upper
198	100		
51	33.5	42.1	63.1#
105	31.0	32.6	48.8#



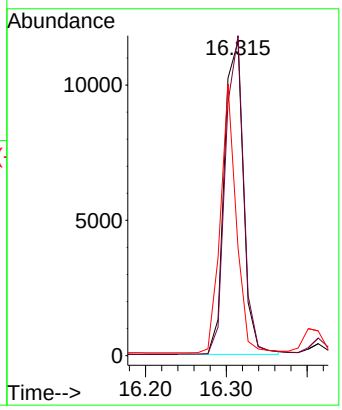


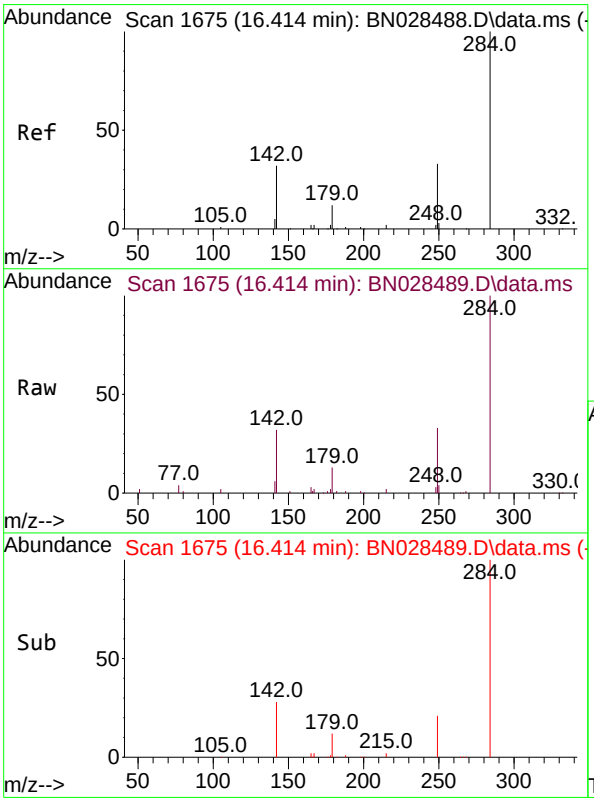
#21
4-Bromophenyl-phenylether
Concen: 0.802 ng
RT: 16.315 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 19000

Ion	Ratio	Lower	Upper
248	100		
250	101.9	84.6	126.8
141	34.3	28.2	42.2

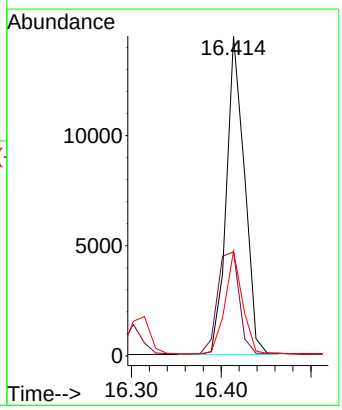


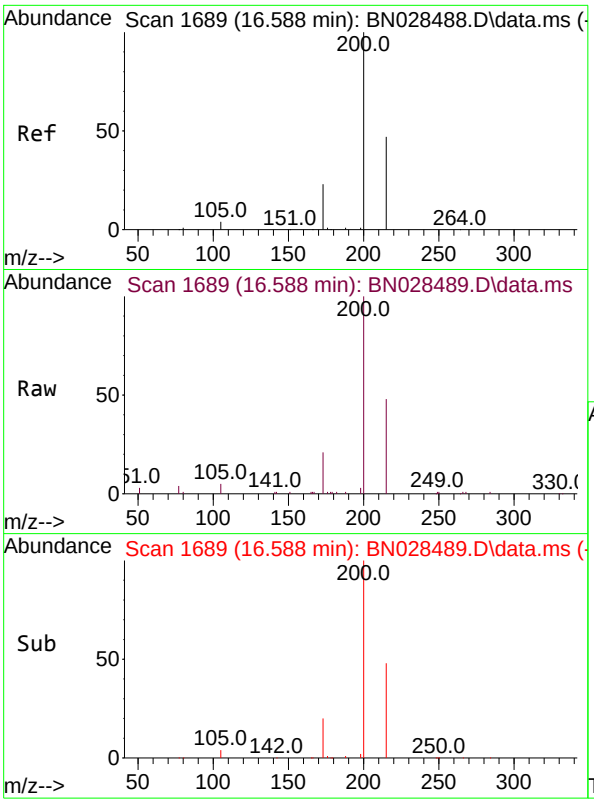


#22
Hexachlorobenzene
Concen: 0.817 ng
RT: 16.414 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:284 Resp: 20276

Ion	Ratio	Lower	Upper
284	100		
142	38.6	31.8	47.6
249	30.7	25.4	38.0



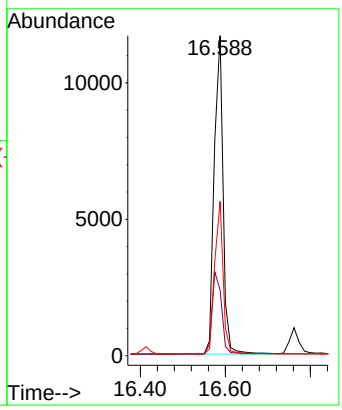


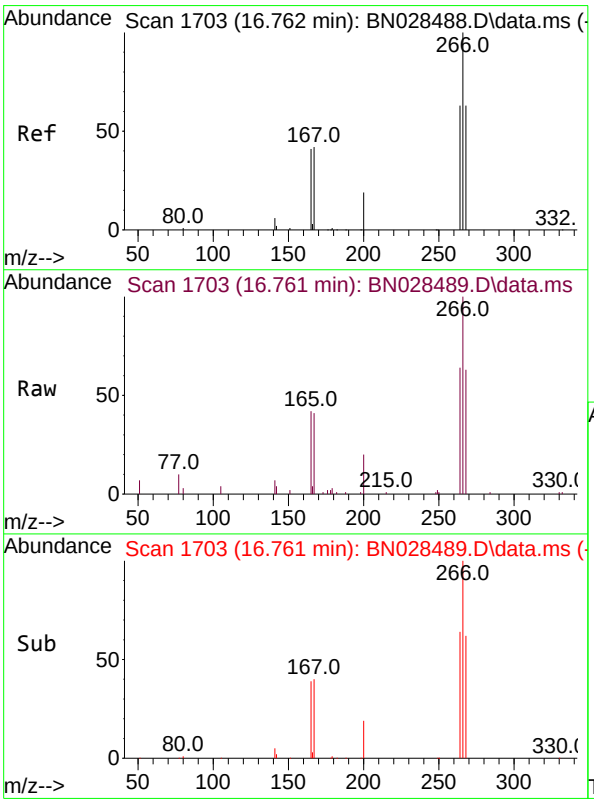
#23
Atrazine
Concen: 0.808 ng
RT: 16.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 16894

Ion	Ratio	Lower	Upper
200	100		
173	20.5	18.7	28.1
215	48.2	38.3	57.5

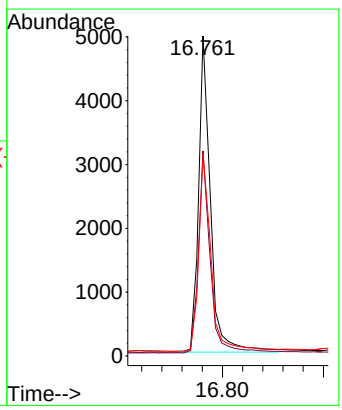


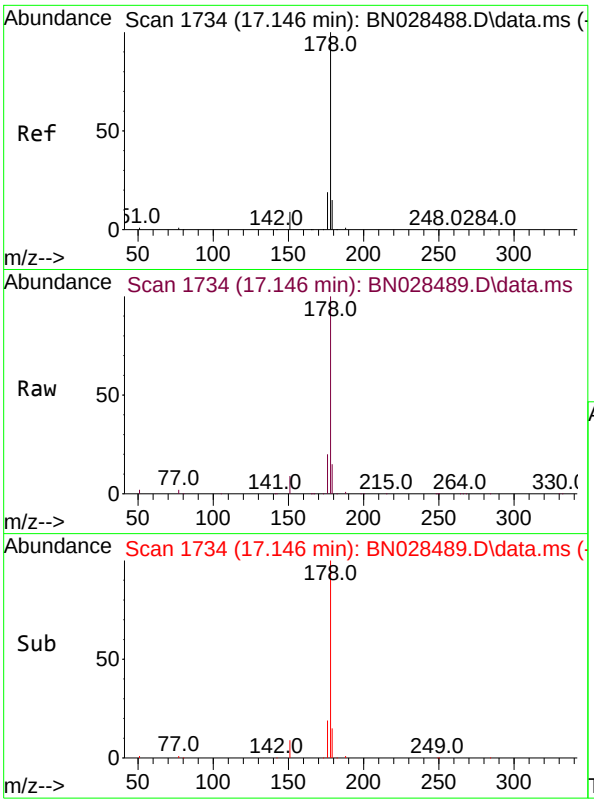


#24
Pentachlorophenol
Concen: 0.766 ng
RT: 16.761 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:266 Resp: 8136

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.5	75.7
268	64.0	51.9	77.9



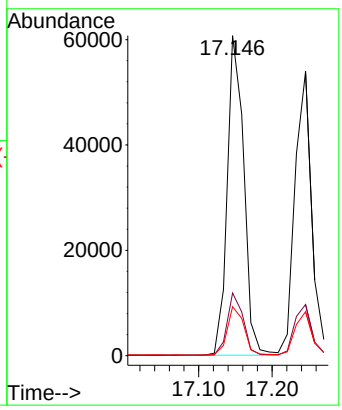


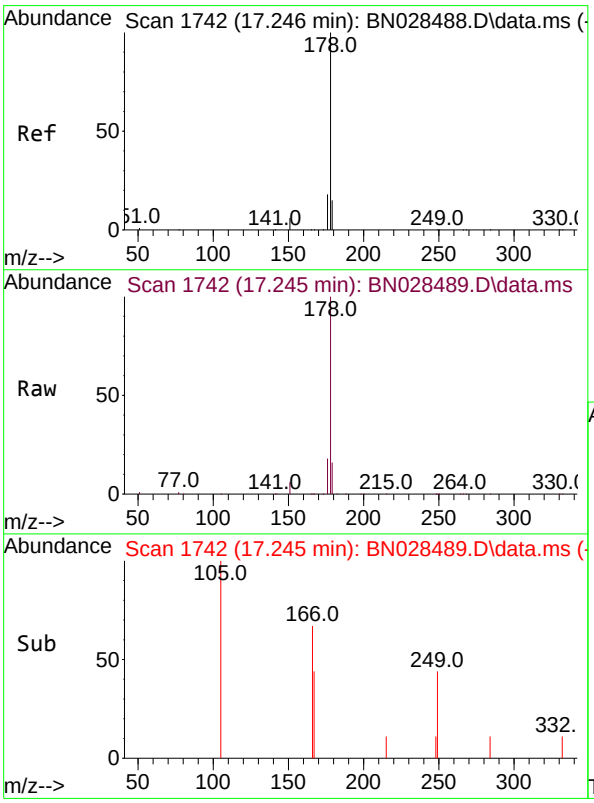
#25
Phenanthrene
Concen: 0.807 ng
RT: 17.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 95013

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.5	18.7

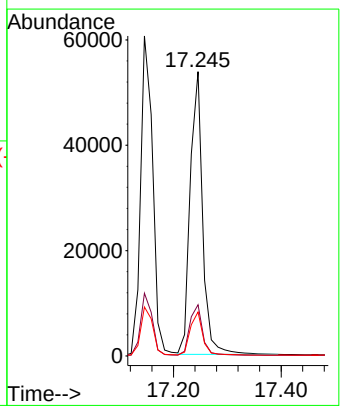


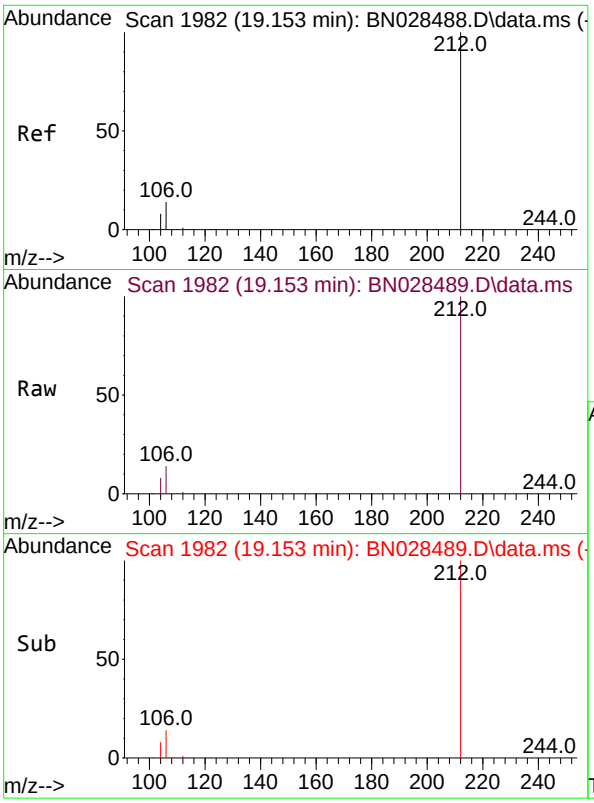


#26
Anthracene
Concen: 0.802 ng
RT: 17.245 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:178 Resp: 86450

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.2	12.2	18.4



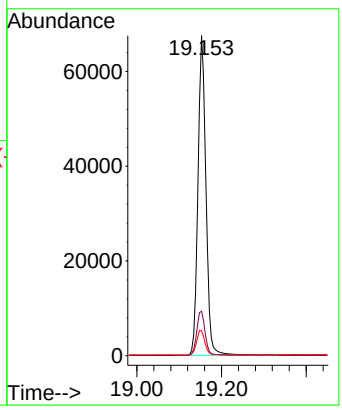


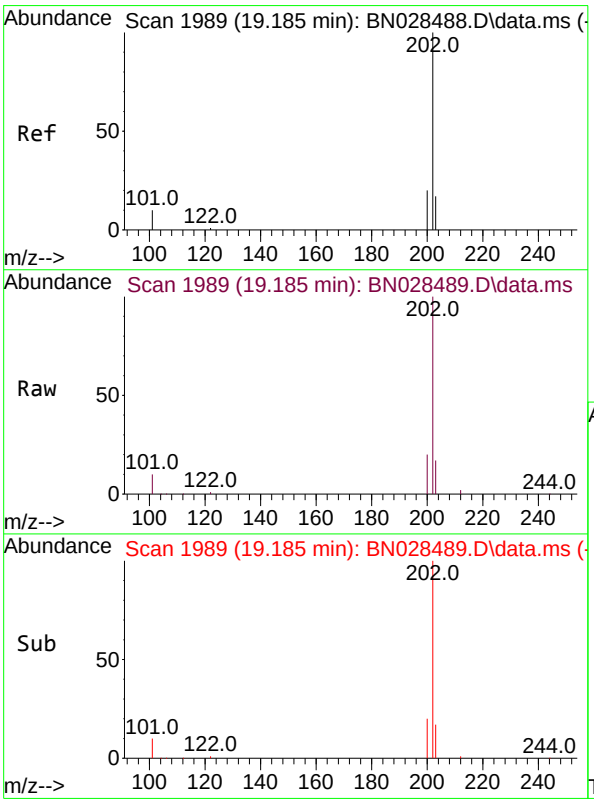
#27
Fluoranthene-d10
Concen: 0.815 ng
RT: 19.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 88400

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.5	17.3
104	8.1	6.4	9.6

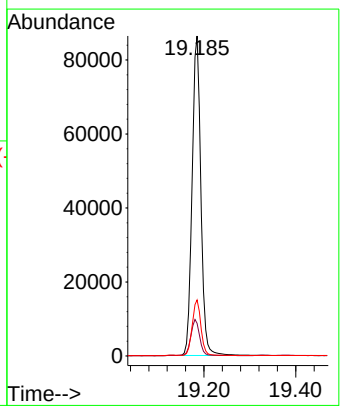


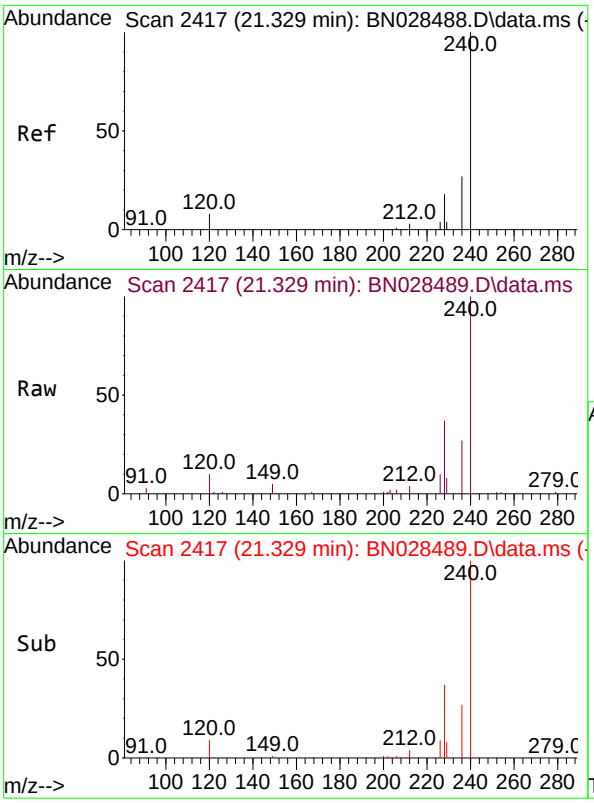


#28
Fluoranthene
Concen: 0.809 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:202 Resp: 114198

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
203	17.2	13.7	20.5



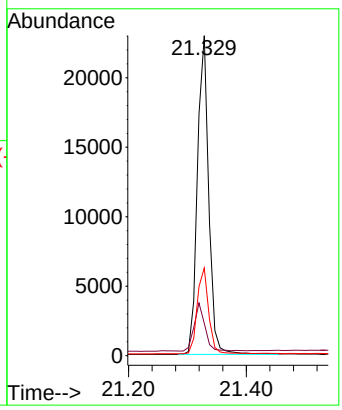


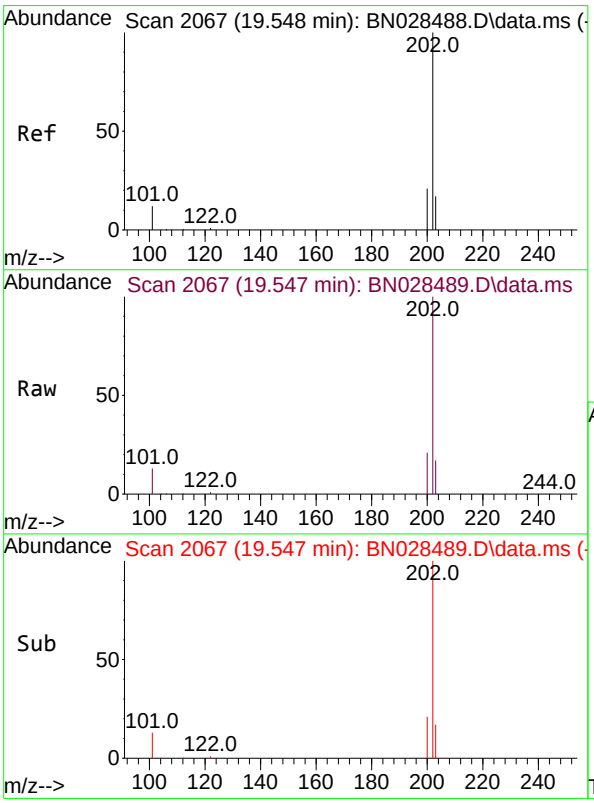
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.329 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 30578

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.6	11.4
236	27.4	21.9	32.9

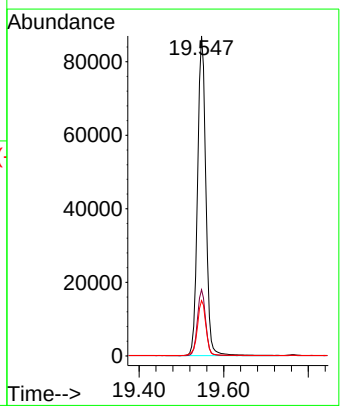


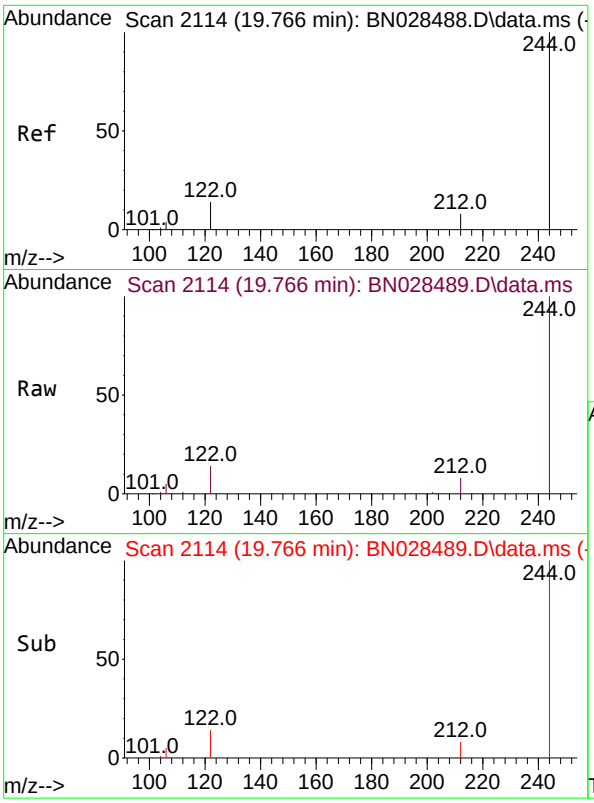


#30
Pyrene
Concen: 0.809 ng
RT: 19.547 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:202 Resp: 117877

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.9	14.3	21.5



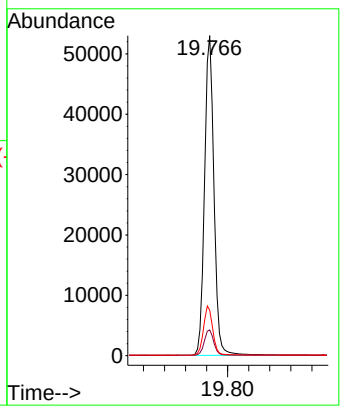


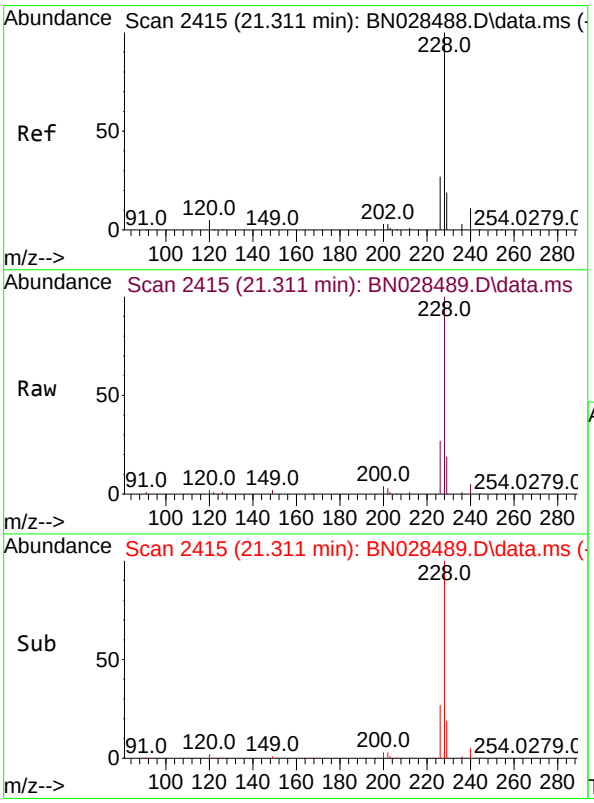
#31
Terphenyl-d14
Concen: 0.810 ng
RT: 19.766 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 65869

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	14.2	11.4	17.2

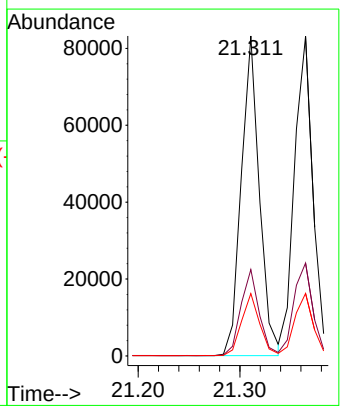


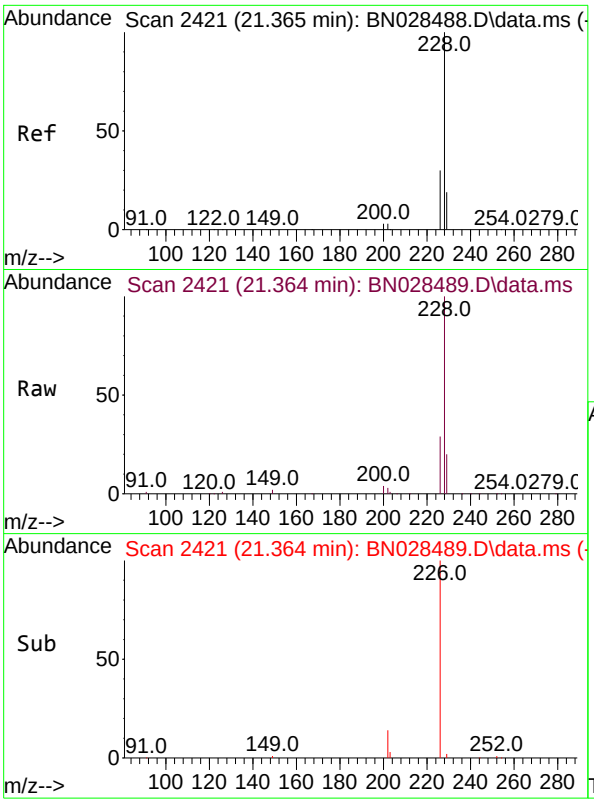


#32
Benzo(a)anthracene
Concen: 0.804 ng
RT: 21.311 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:228 Resp: 102815

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.5	15.7	23.5



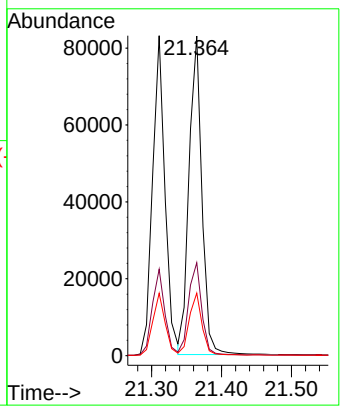


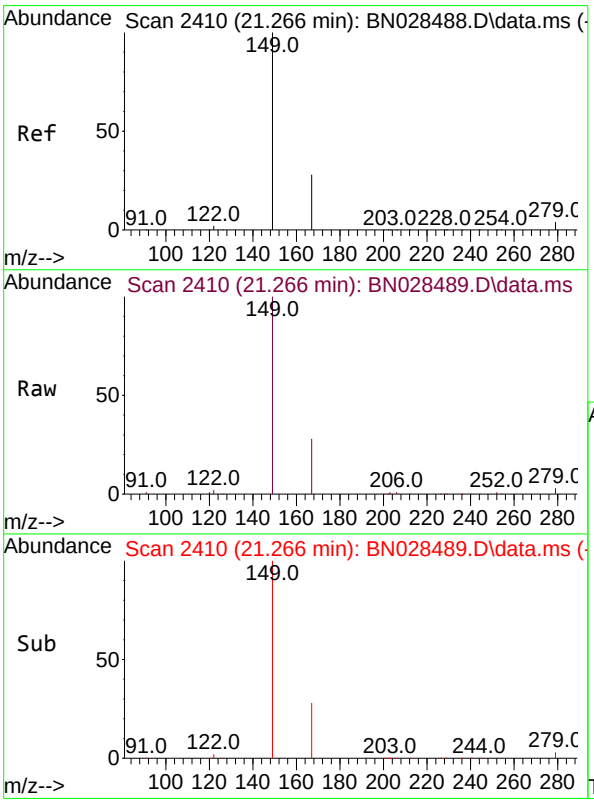
#33
Chrysene
Concen: 0.829 ng
RT: 21.364 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 105848

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.8
229	19.6	15.7	23.5

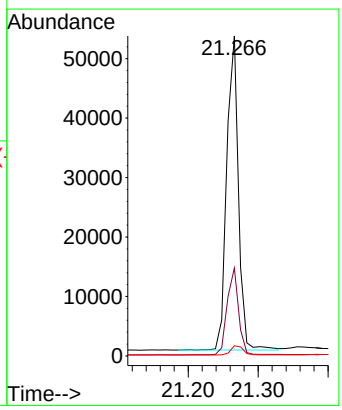


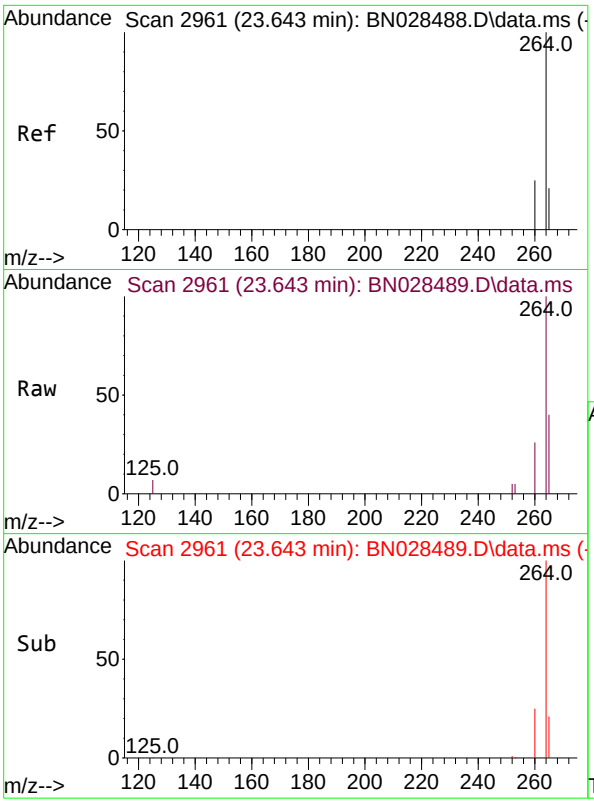


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.774 ng
RT: 21.266 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:149 Resp: 61183

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.3	2.6	3.8



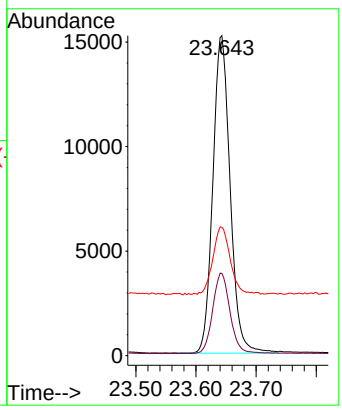


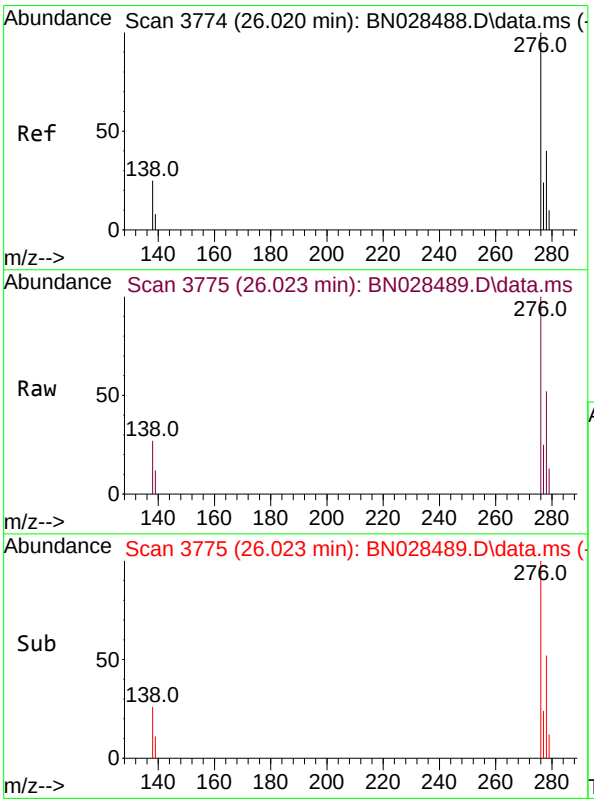
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.643 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 30301

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.7	31.1
265	40.2	31.6	47.4

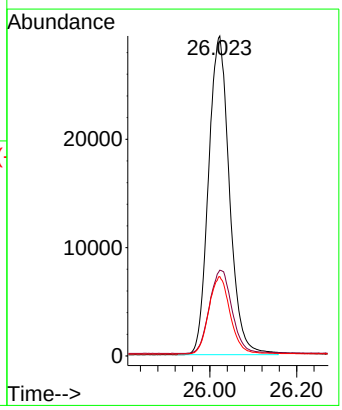


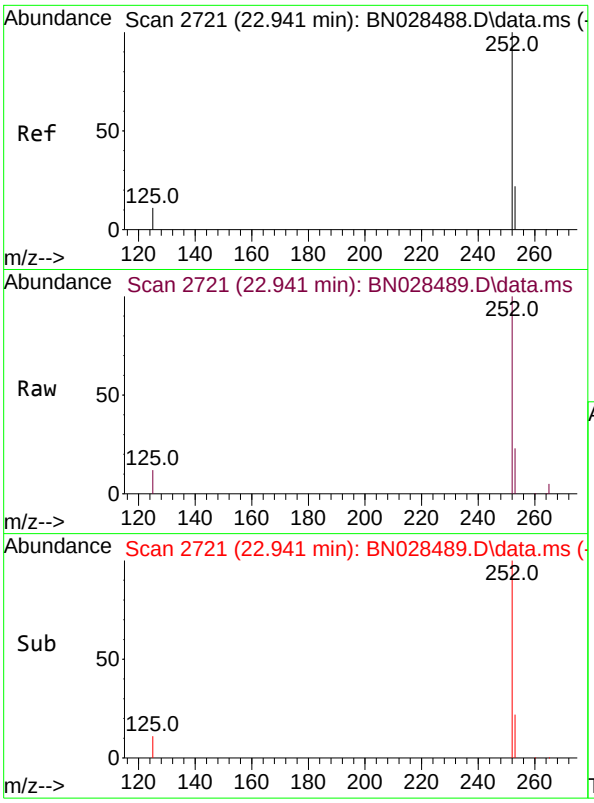


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.807 ng
RT: 26.023 min Scan# 3775
Delta R.T. 0.003 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:276 Resp: 98585

Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.4	33.6
277	24.9	19.8	29.6



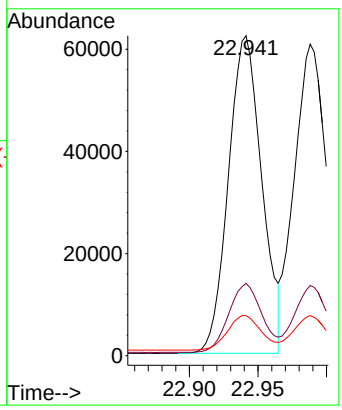


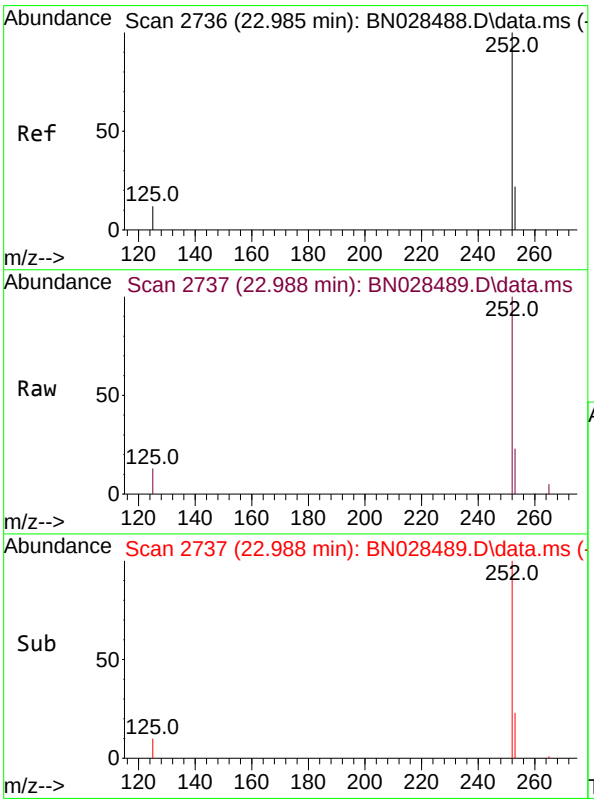
#37
Benzo(b)fluoranthene
Concen: 0.843 ng
RT: 22.941 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 105257

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	12.5	11.4	17.0

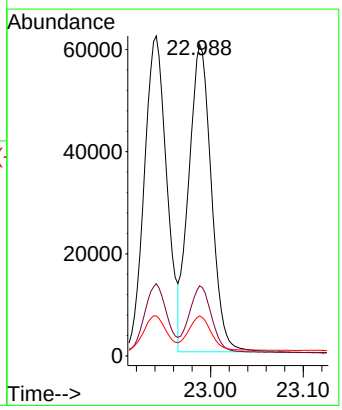


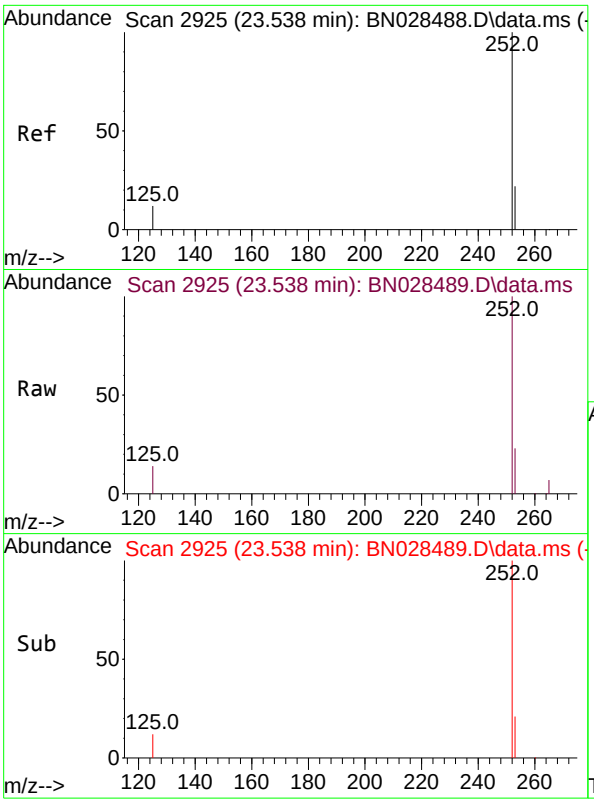


#38
Benzo(k)fluoranthene
Concen: 0.838 ng
RT: 22.988 min Scan# 2737
Delta R.T. 0.003 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:252 Resp: 102156

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.6
125	12.8	12.0	18.0



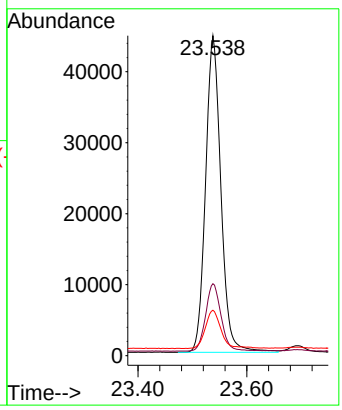


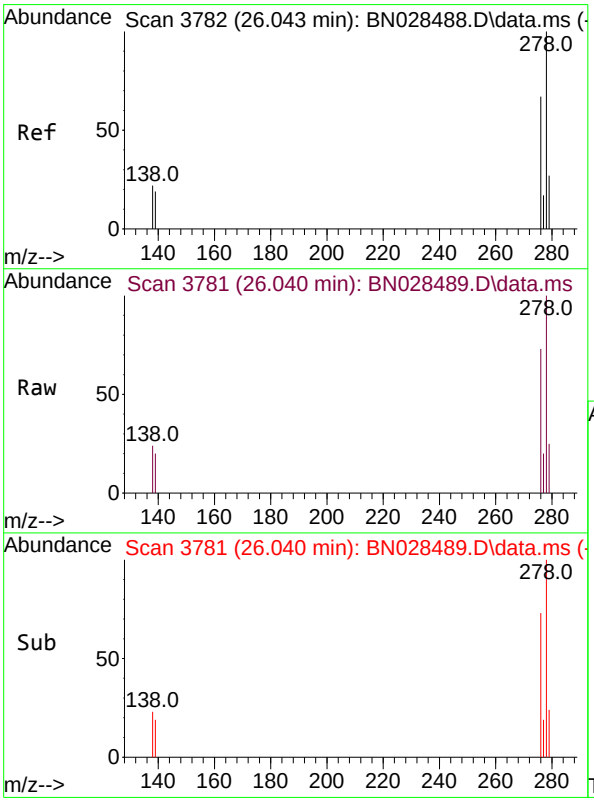
#39
Benzo(a)pyrene
Concen: 0.816 ng
RT: 23.538 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 87077

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.3	28.9
125	14.2	13.3	19.9

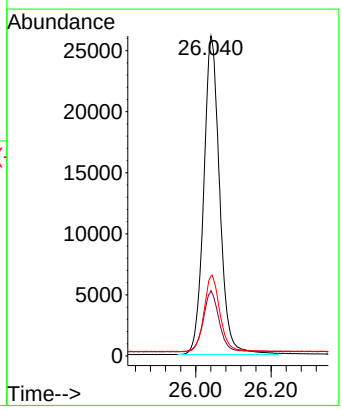


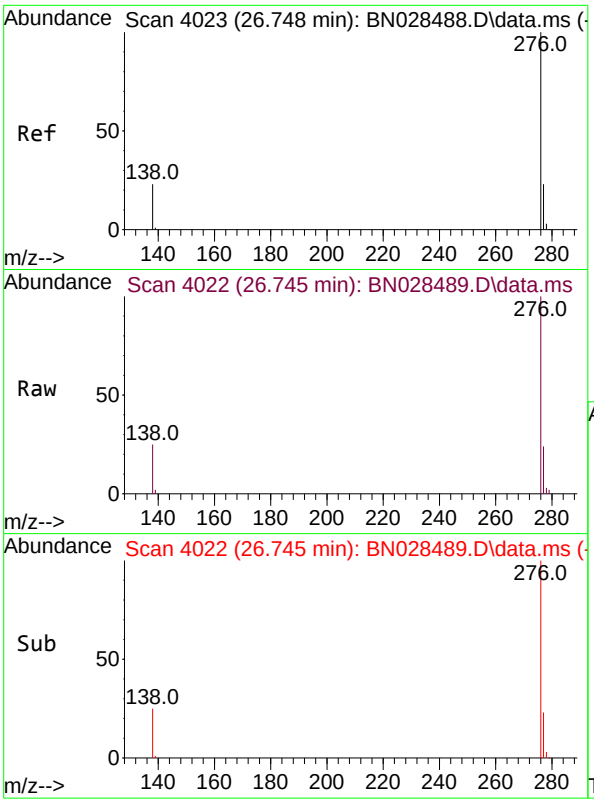


#40
Dibenzo(a,h)anthracene
Concen: 0.805 ng
RT: 26.040 min Scan# 3781
Delta R.T. -0.003 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Tgt Ion:278 Resp: 76692

Ion	Ratio	Lower	Upper
278	100		
139	20.4	17.0	25.6
279	24.9	23.8	35.8





#41
Benzo(g,h,i)perylene
Concen: 0.805 ng
RT: 26.745 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN028489.D
Acq: 07 Nov 2023 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 85014

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	25.4	20.1	30.1