Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139664.D
Acq On : 04 Oct 2024 18:23
Operator : RC/JU
Sample : P4257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Quant Time: Oct 04 18:51:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	93002	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	348759	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	179369	20.000	ng		-0.01
64) Phenanthrene-d10	11.386	188	278025	20.000	ng		0.00
76) Chrysene-d12	14.022	240	175438	20.000	ng		-0.01
86) Perylene-d12	15.492	264	192571	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	436037	81.263	ng		0.00
7) Phenol-d6	6.493	99	574772	79.655	ng		-0.01
23) Nitrobenzene-d5	7.422	82	373292	54.192	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	115889	66.929	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	673629	57.655	ng		-0.01
79) Terphenyl-d14	12.969	244	489049	45.740	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	51457	11.092	ng	#	77
25) Isophorone	7.422	82	369034	30.163	ng	#	66
51) 2,6-Dinitrotoluene	9.898	165	22861	8.619	ng	#	18
57) 2,4-Dinitrotoluene	9.898	165	22861	6.594	ng	#	17
63) Azobenzene	10.610	77	58795	4.821	ng	#	1
67) 4-Bromophenyl-phenylether	10.686	248	8173	2.867	ng	#	1
70) Pentachlorophenol	11.192	266	13904	7.382	ng		98
71) Phenanthrene	11.404	178	29952	2.285	ng		96
72) Anthracene	11.404	178	29952	2.310	ng		97
75) Fluoranthene	12.598	202	88810	6.197	ng		98
78) Pyrene	12.822	202	88206	5.621	ng		98
81) Benzo(a)anthracene	14.045	228	61593	5.340	ng		95
83) Chrysene	14.045	228	61593	5.841	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	47654	4.204	ng		96
88) Benzo(b)fluoranthene	15.063	252	157255	12.630	ng	#	95
89) Benzo(k)fluoranthene	15.063	252	157255	14.889	ng		96
90) Benzo(a)pyrene	15.427	252	74736	7.612	ng		98
92) Benzo(g,h,i)perylene	17.398	276	43852	4.651	ng		99

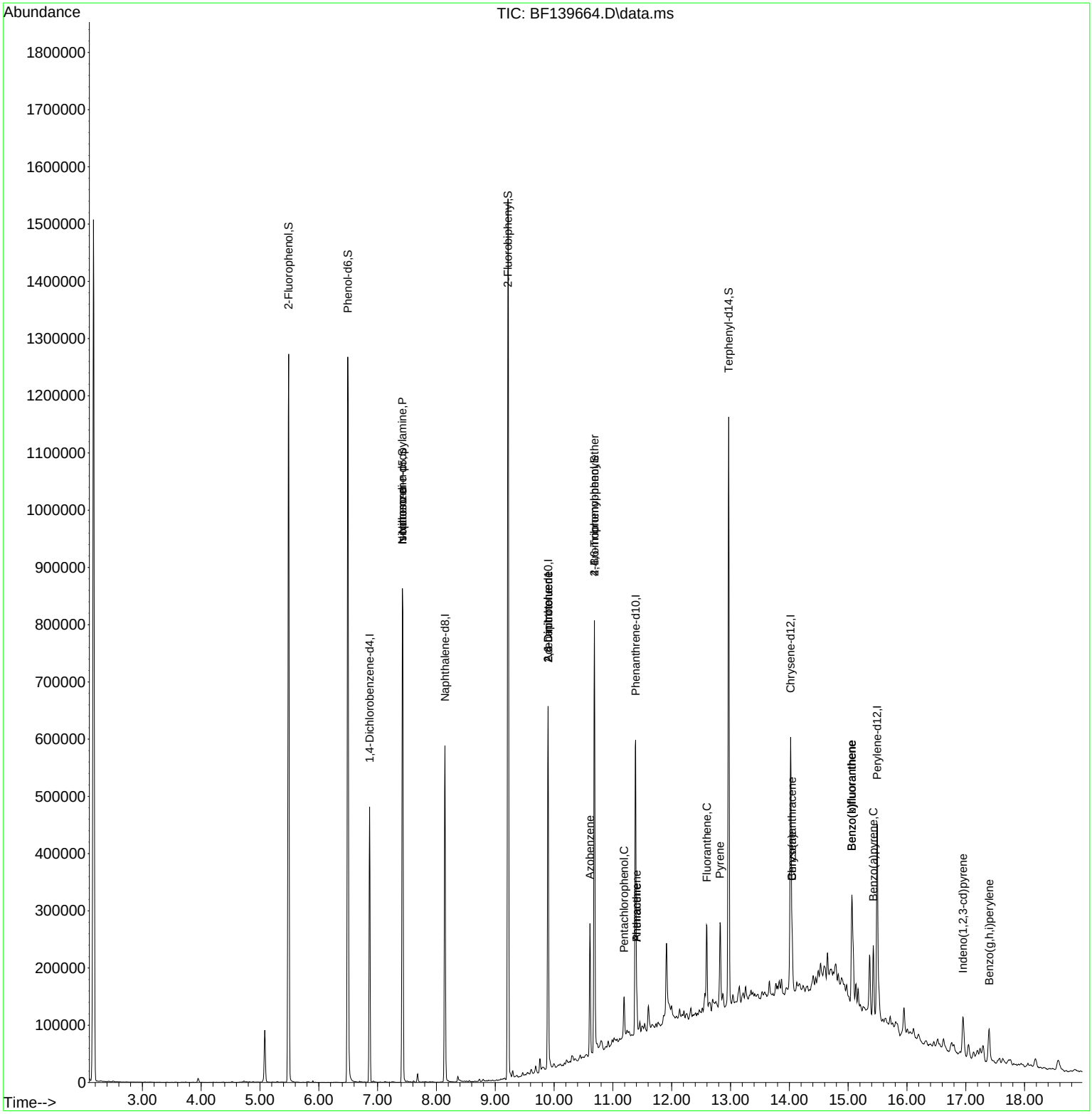
(#) = qualifier out of range (m) = manual integration (+) = signals summed

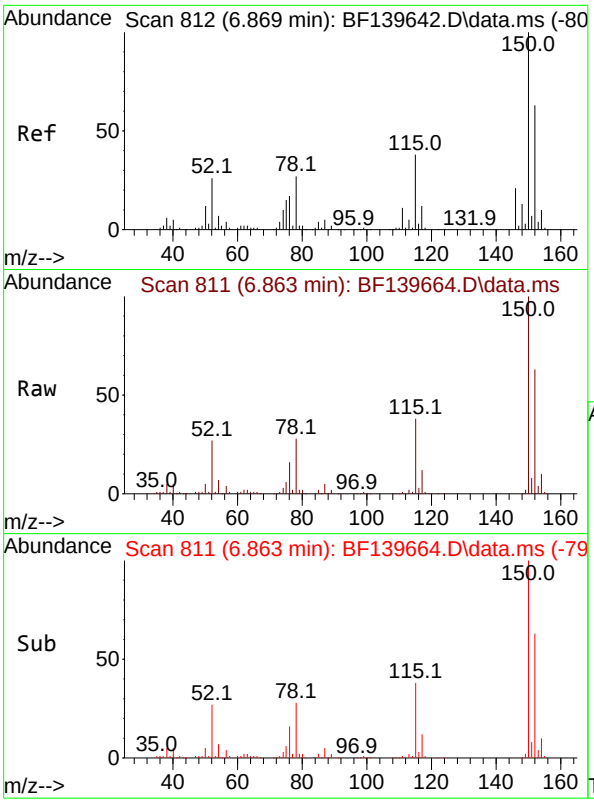
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139664.D
Acq On : 04 Oct 2024 18:23
Operator : RC/JU
Sample : P4257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Quant Time: Oct 04 18:51:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



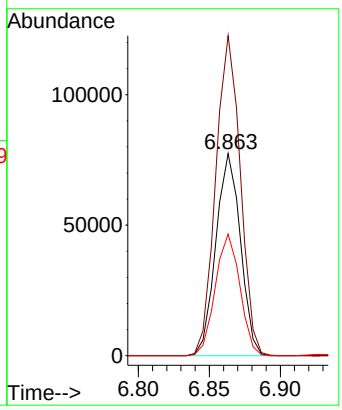


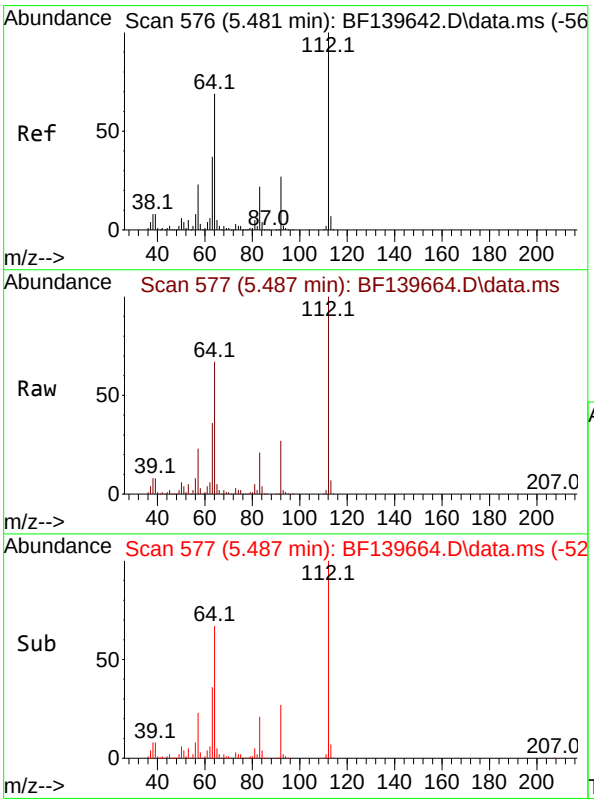
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:152 Resp: 93002

Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.2	190.8
115	60.2	49.0	73.4

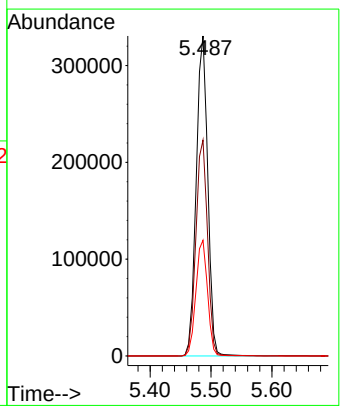


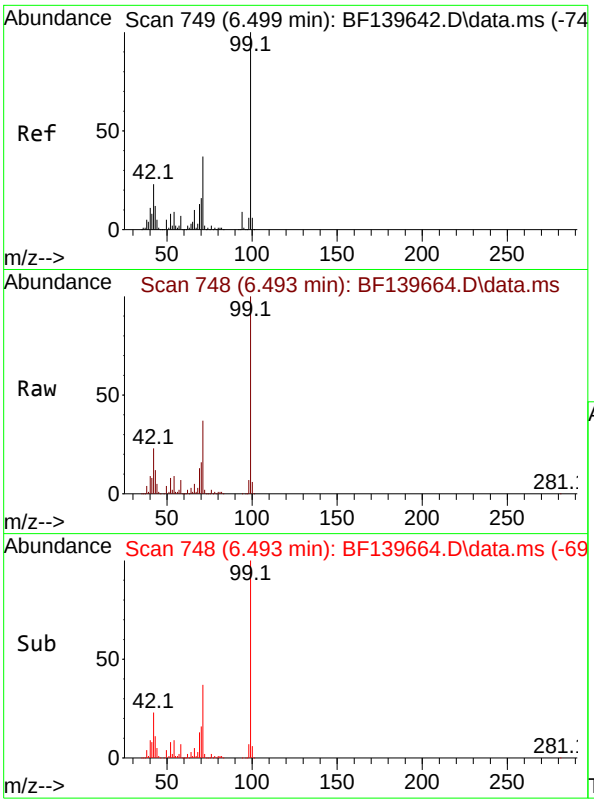


#5
2-Fluorophenol
Concen: 81.263 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:112 Resp: 436037

Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.2	81.4
63	36.1	29.4	44.2



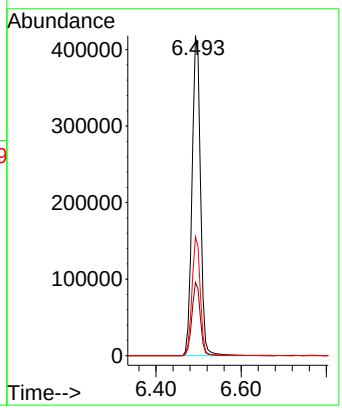


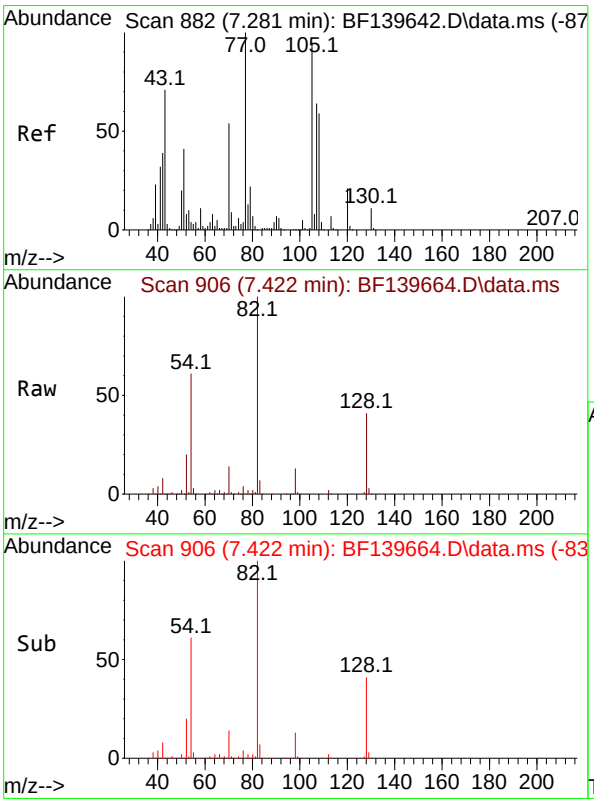
#7
Phenol-d6
Concen: 79.655 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion: 99 Resp: 574772

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.1	28.7
71	37.2	29.7	44.5

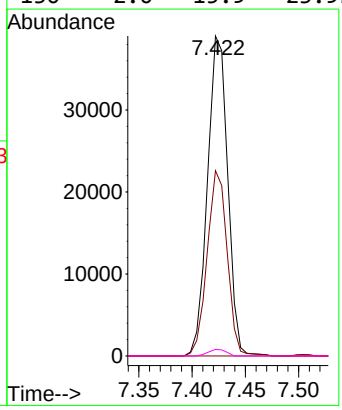


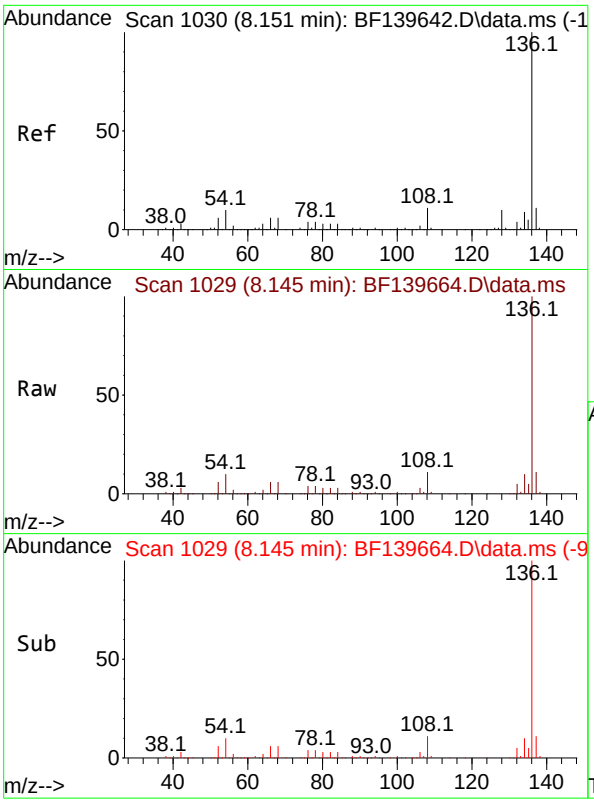


#19
n-Nitroso-di-n-propylamine
Concen: 11.092 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion: 70 Resp: 51457

Ion	Ratio	Lower	Upper
70	100		
42	57.9	58.0	87.0#
101	0.0	7.8	11.8#
130	2.0	15.9	23.9#



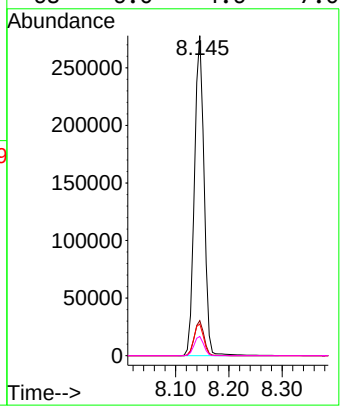


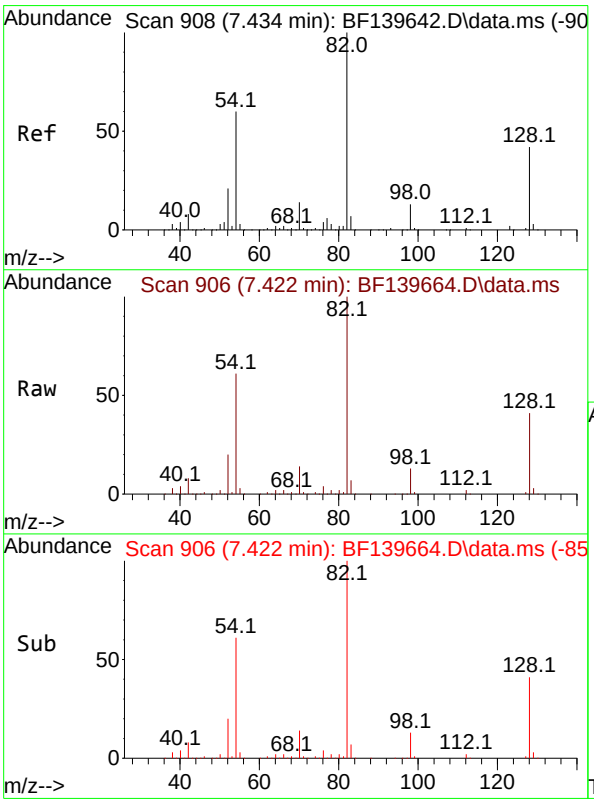
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:136 Resp: 348759

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.9	8.3	12.5
68	6.0	4.6	7.0

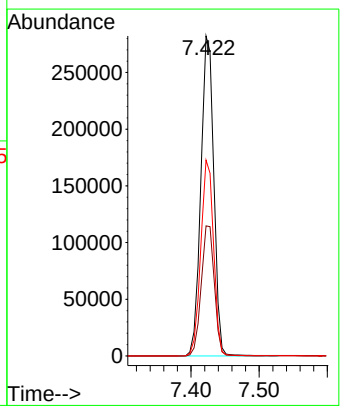


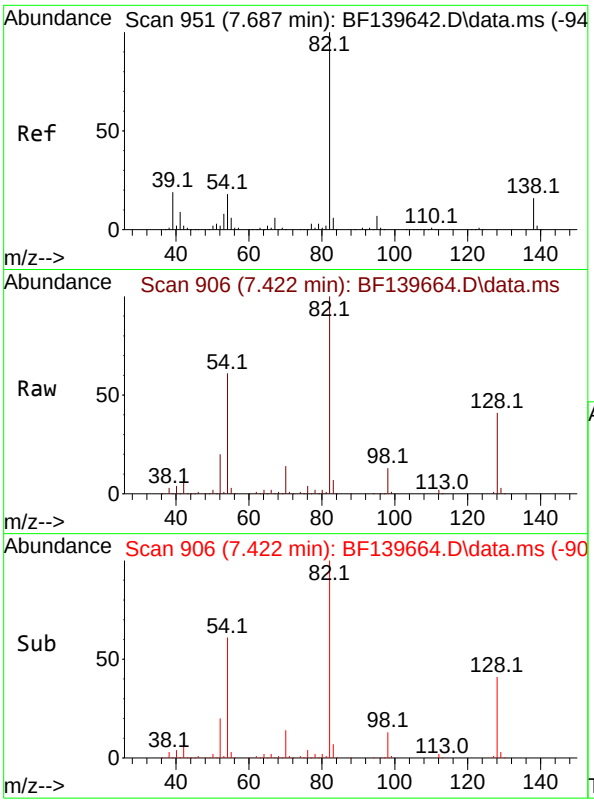


#23
Nitrobenzene-d5
Concen: 54.192 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion: 82 Resp: 373292

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.4	48.6
54	61.2	49.1	73.7



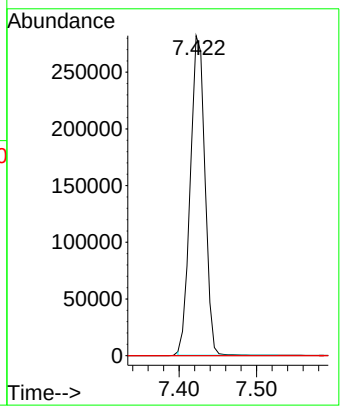


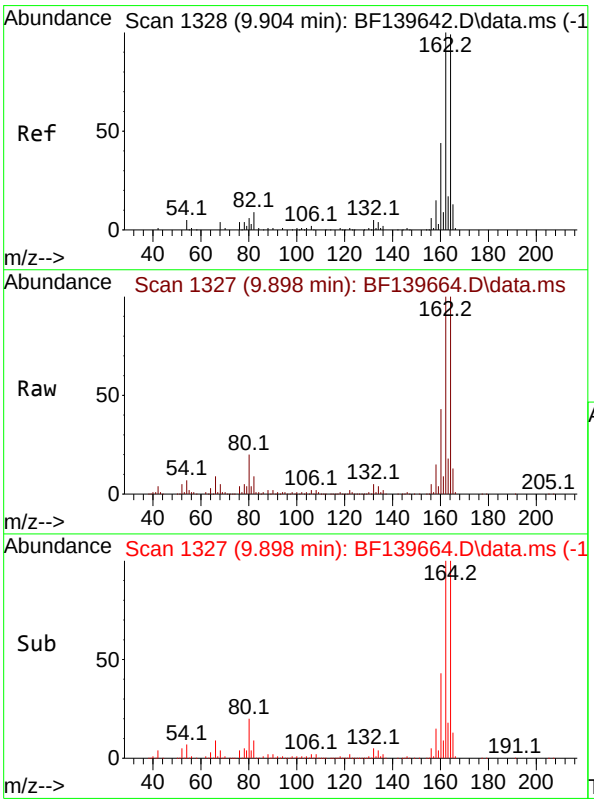
#25
Isophorone
Concen: 30.163 ng
RT: 7.422 min Scan# 9
Delta R.T. -0.271 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion: 82 Resp: 369034

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	13.4	20.2#

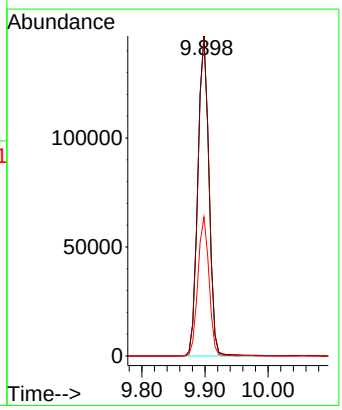


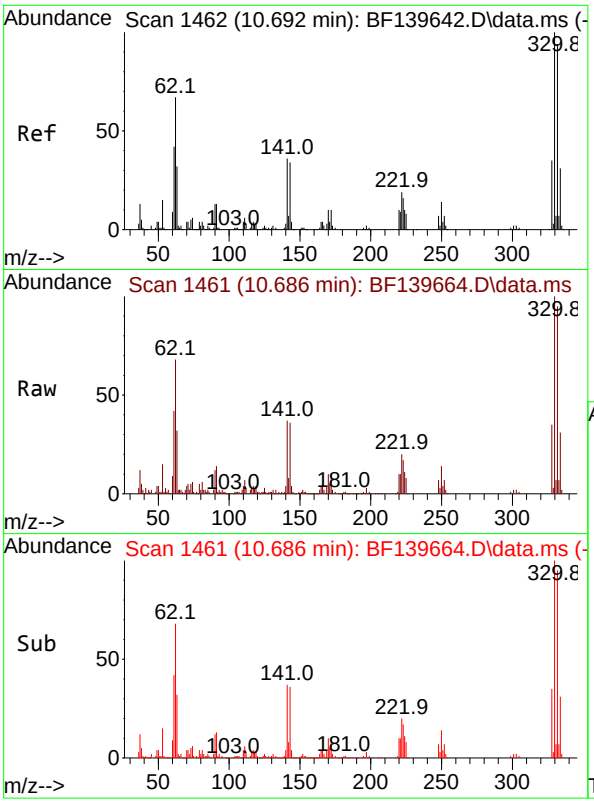


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:164 Resp: 179369

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.4	119.0
160	43.4	35.1	52.7



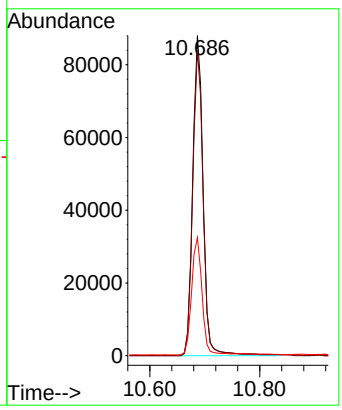


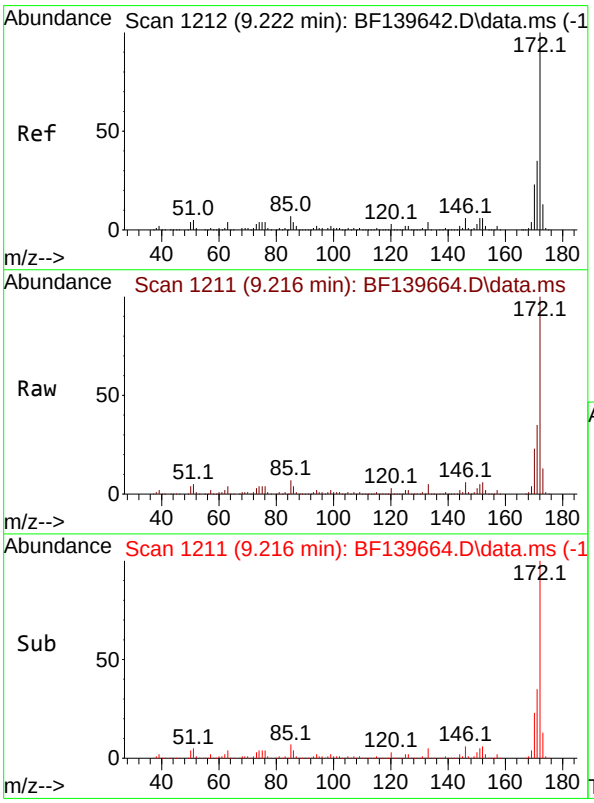
#42
2,4,6-Tribromophenol
Concen: 66.929 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:330 Resp: 115889

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.5	114.7
141	36.3	29.3	43.9

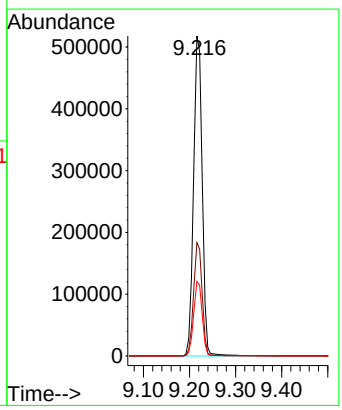


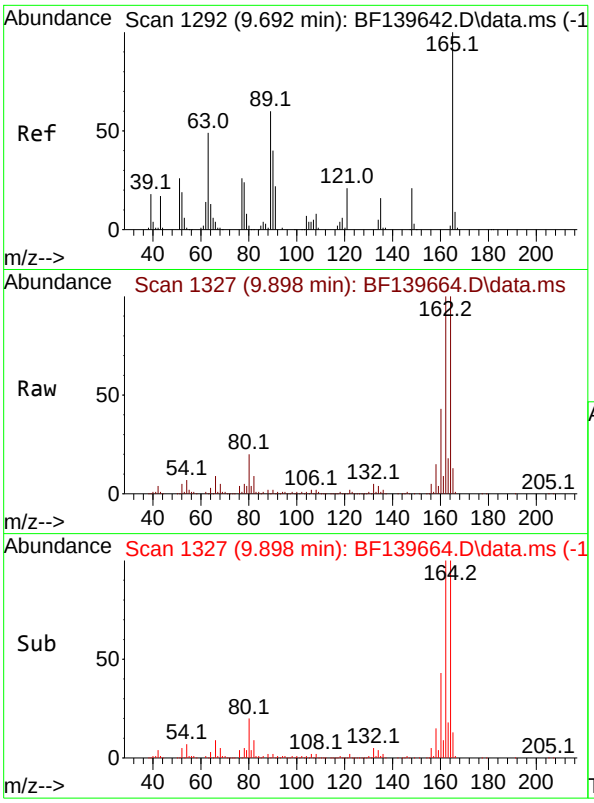


#45
2-Fluorobiphenyl
Concen: 57.655 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:172 Resp: 673629

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.3	18.8	28.2



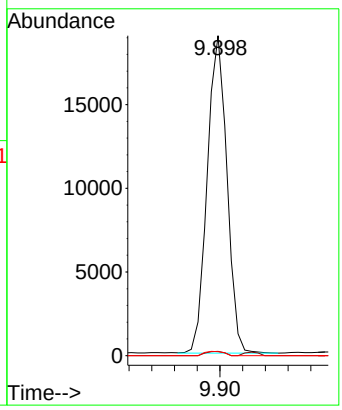


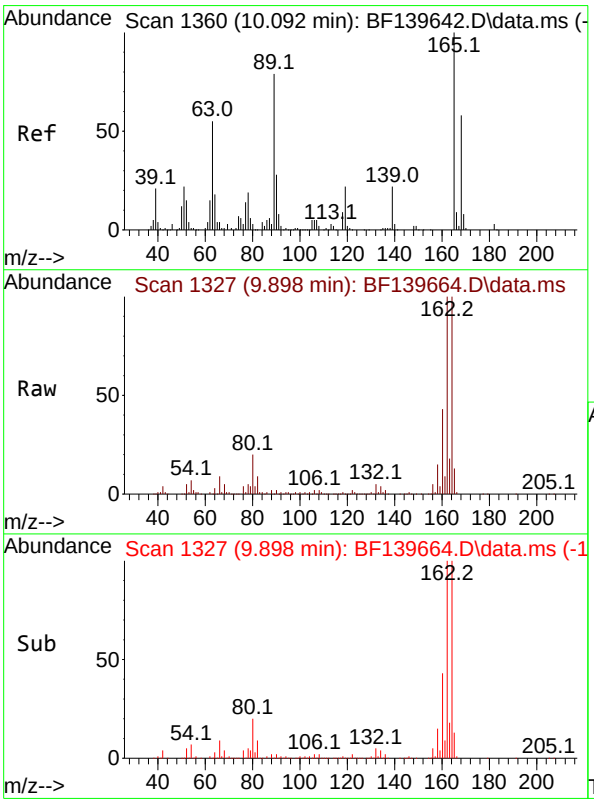
#51
2,6-Dinitrotoluene
Concen: 8.619 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:165 Resp: 22861

Ion	Ratio	Lower	Upper
165	100		
63	1.3	56.7	85.1#
89	1.3	51.6	77.4#

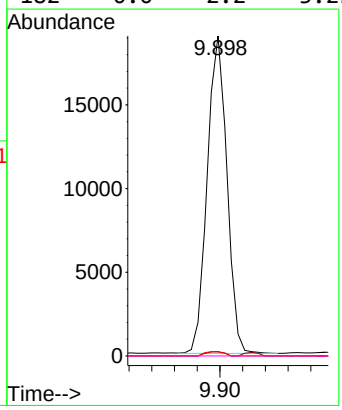


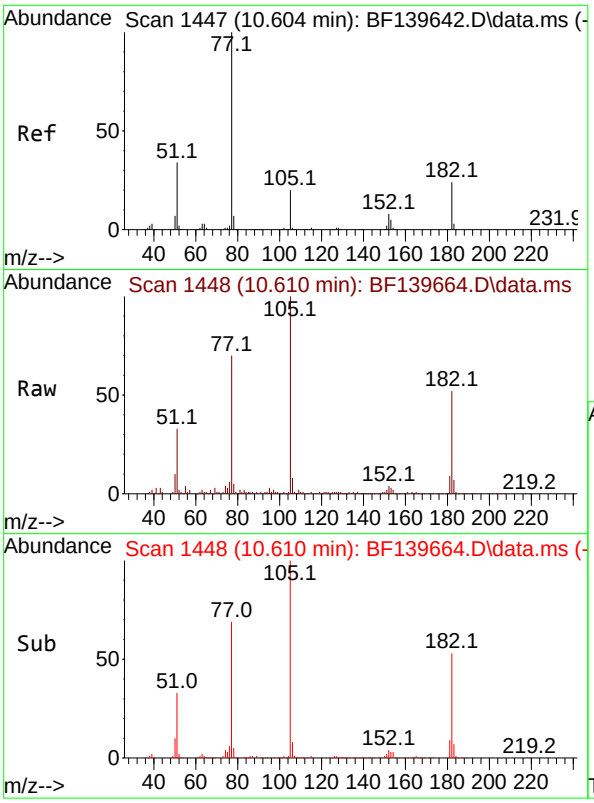


#57
2,4-Dinitrotoluene
Concen: 6.594 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:165 Resp: 22861

Ion	Ratio	Lower	Upper
165	100		
63	1.3	46.9	70.3#
89	1.3	64.4	96.6#
182	0.0	2.2	3.2#



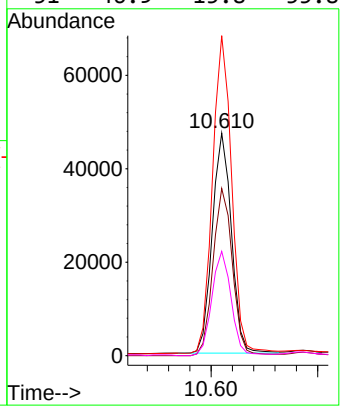


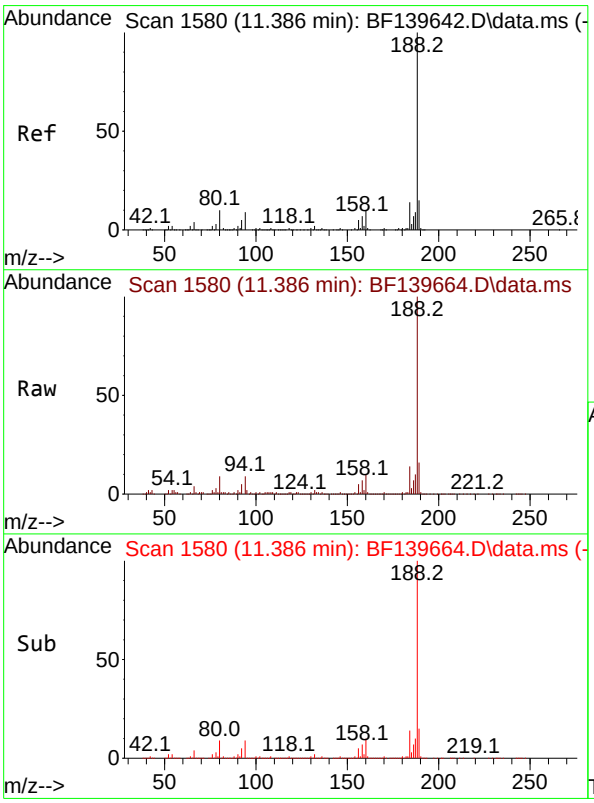
#63
Azobenzene
Concen: 4.821 ng
RT: 10.610 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion: 77 Resp: 58795

Ion	Ratio	Lower	Upper
77	100		
182	75.1	4.2	44.2#
105	143.8	0.0	39.6#
51	46.9	15.8	55.8

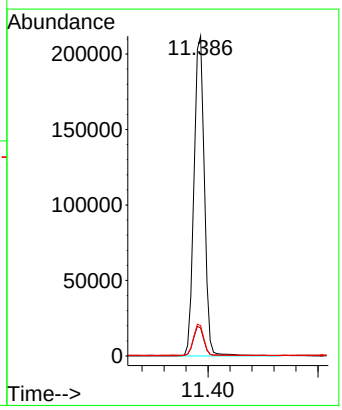


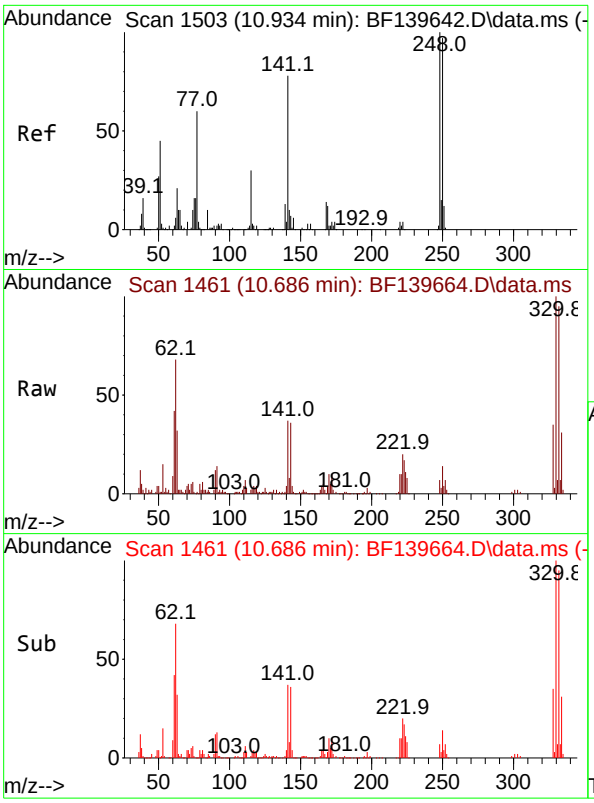


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:188 Resp: 278025

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.5	8.2	12.2



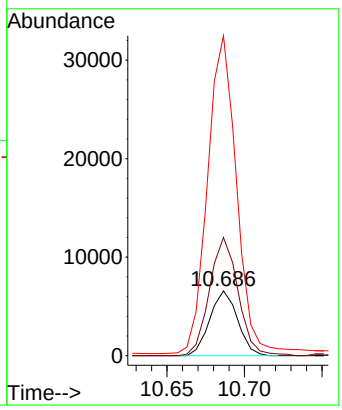


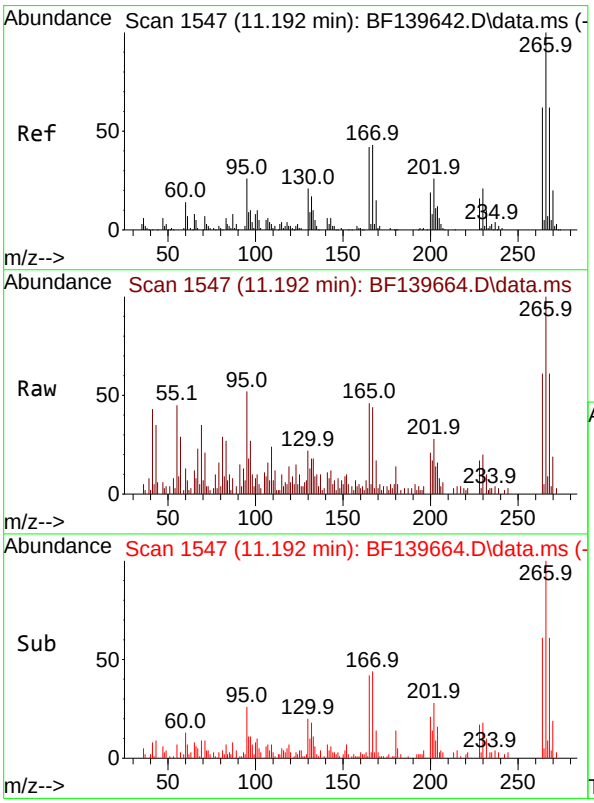
#67
4-Bromophenyl-phenylether
Concen: 2.867 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:248 Resp: 8173

Ion	Ratio	Lower	Upper
248	100		
250	182.5	77.1	115.7#
141	494.1	60.4	90.6#

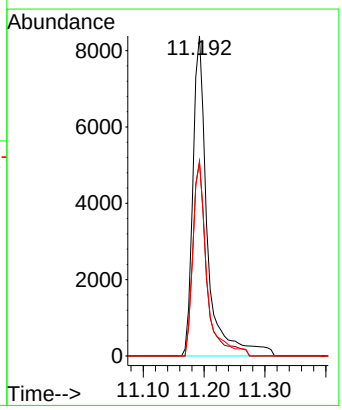


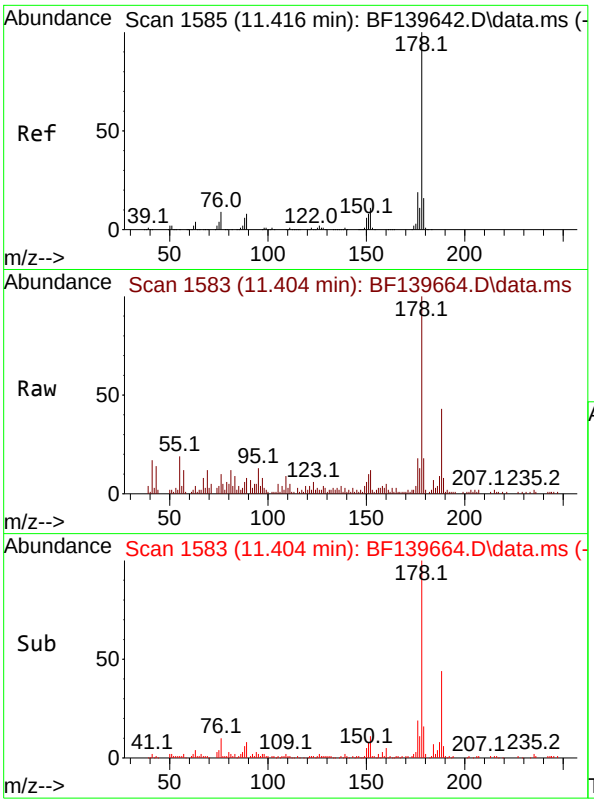


#70
Pentachlorophenol
Concen: 7.382 ng
RT: 11.192 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:266 Resp: 13904

Ion	Ratio	Lower	Upper
266	100		
268	60.7	50.0	75.0
264	60.6	49.3	73.9



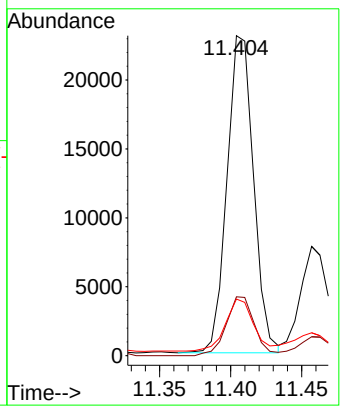


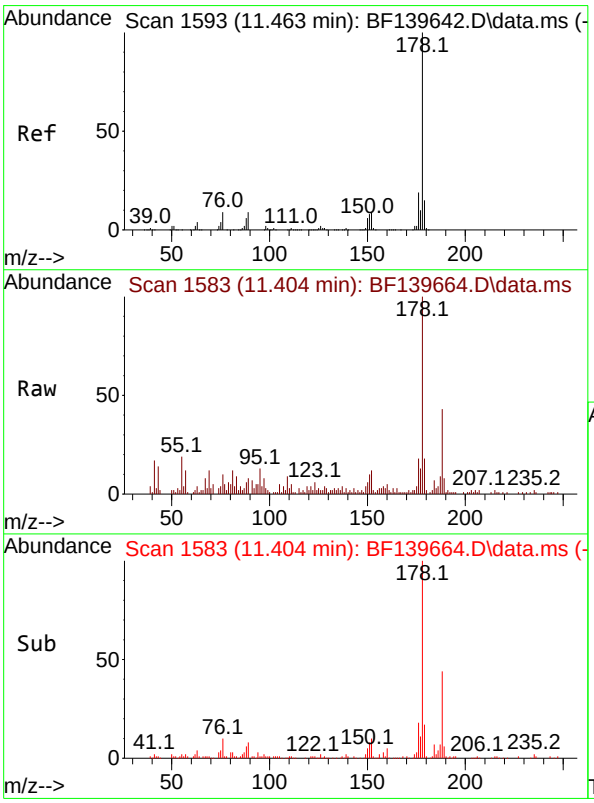
#71
Phenanthrene
Concen: 2.285 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:178 Resp: 29952

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	17.7	12.3	18.5

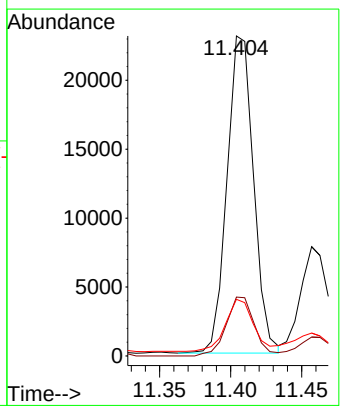


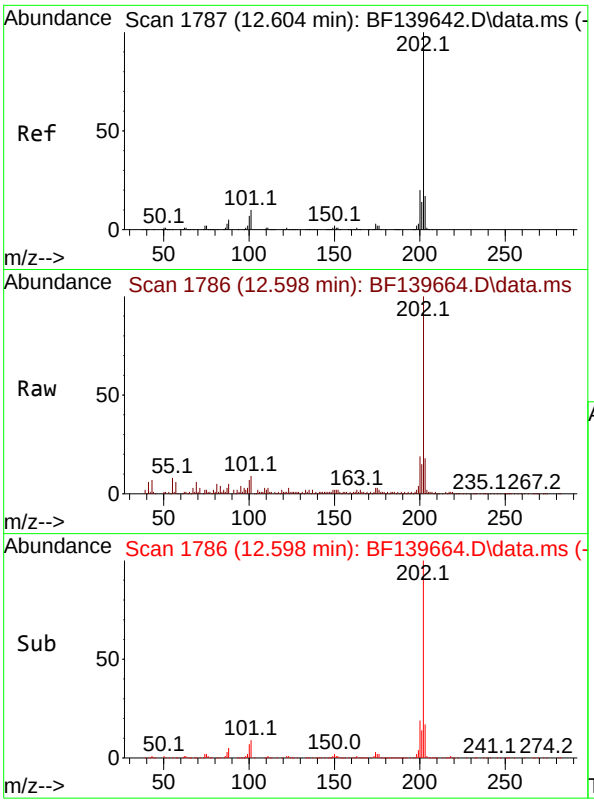


#72
Anthracene
Concen: 2.310 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.065 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:178 Resp: 29952

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	17.7	12.5	18.7



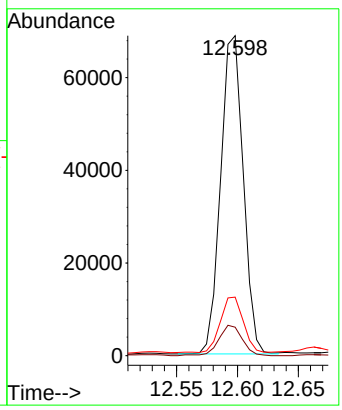


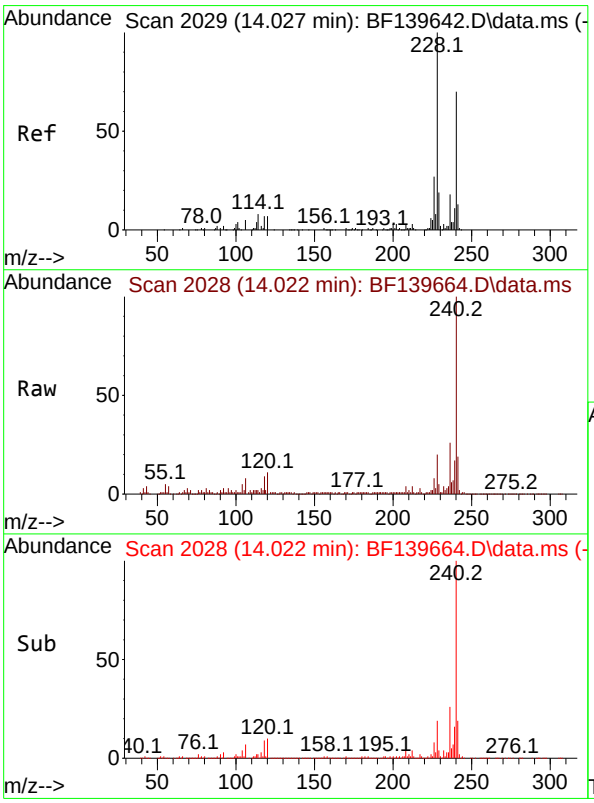
#75
Fluoranthene
Concen: 6.197 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:202 Resp: 88810

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.2
203	18.3	0.0	37.7

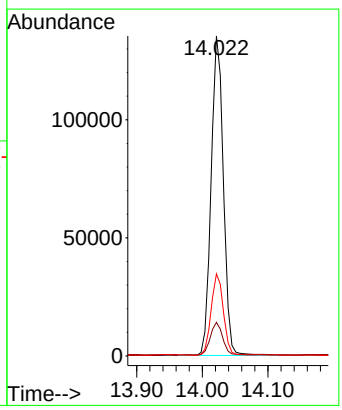


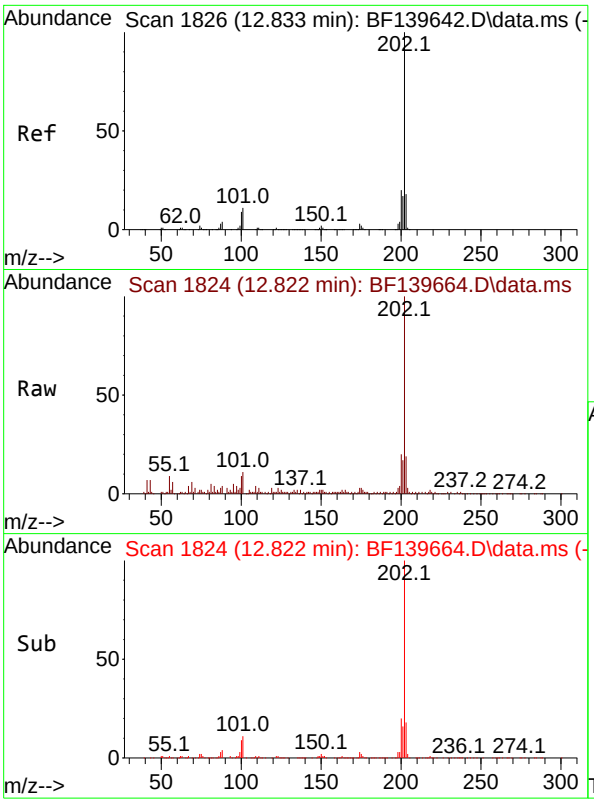


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.011 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:240 Resp: 175438

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	25.7	20.3	30.5



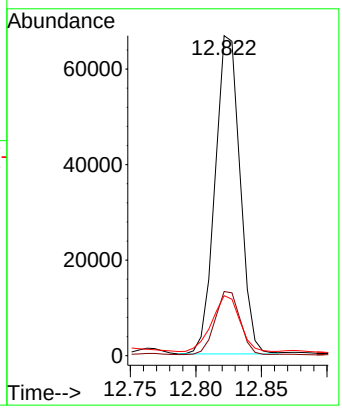


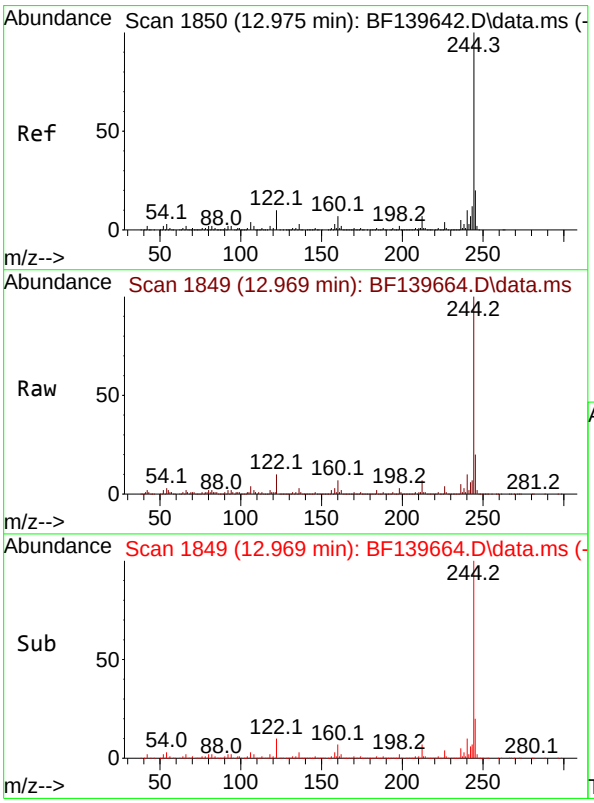
#78
Pyrene
Concen: 5.621 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:202 Resp: 88206

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.8	23.6
203	18.8	13.8	20.8

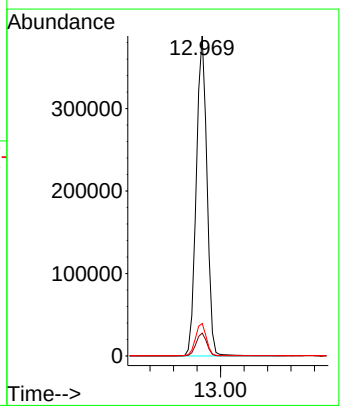


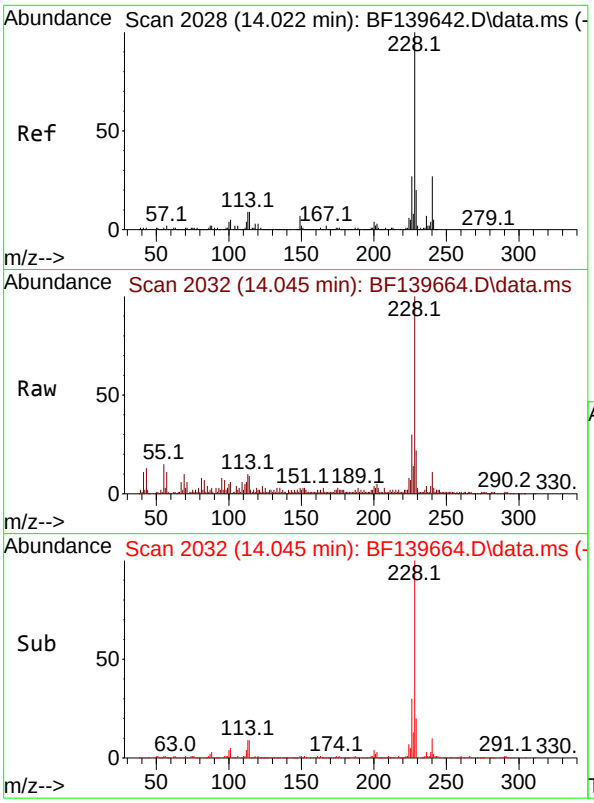


#79
Terphenyl-d14
Concen: 45.740 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:244 Resp: 489049

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.1	8.6	12.8



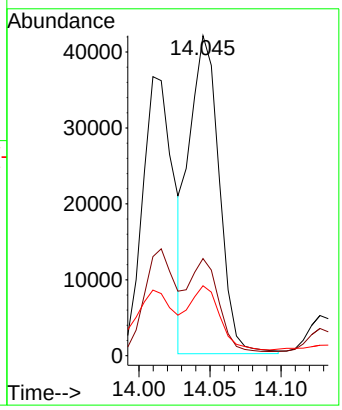


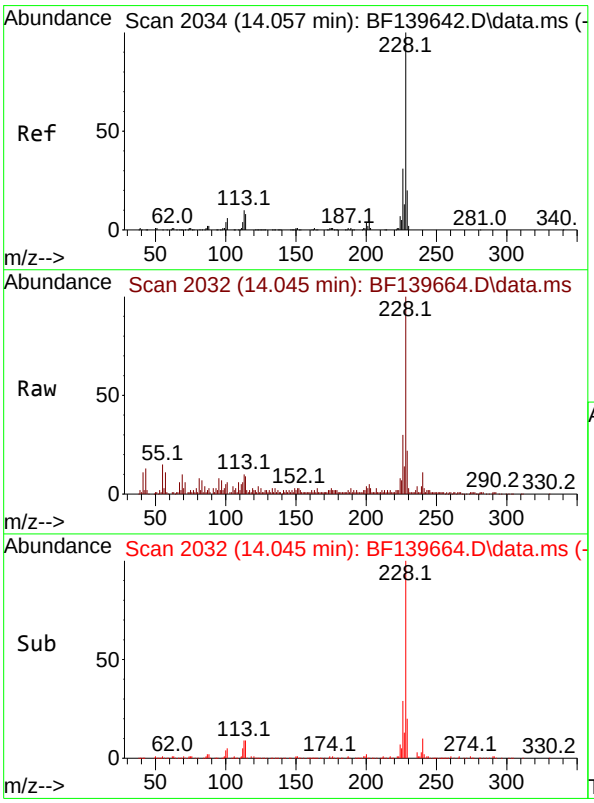
#81
Benzo(a)anthracene
Concen: 5.340 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:228 Resp: 61593

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.8	32.8
229	21.9	15.8	23.8

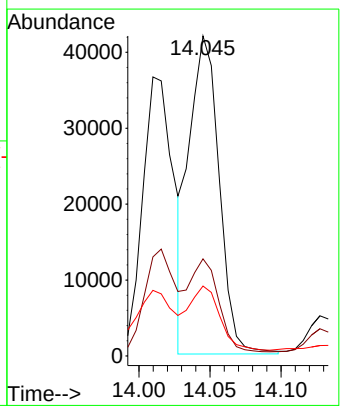


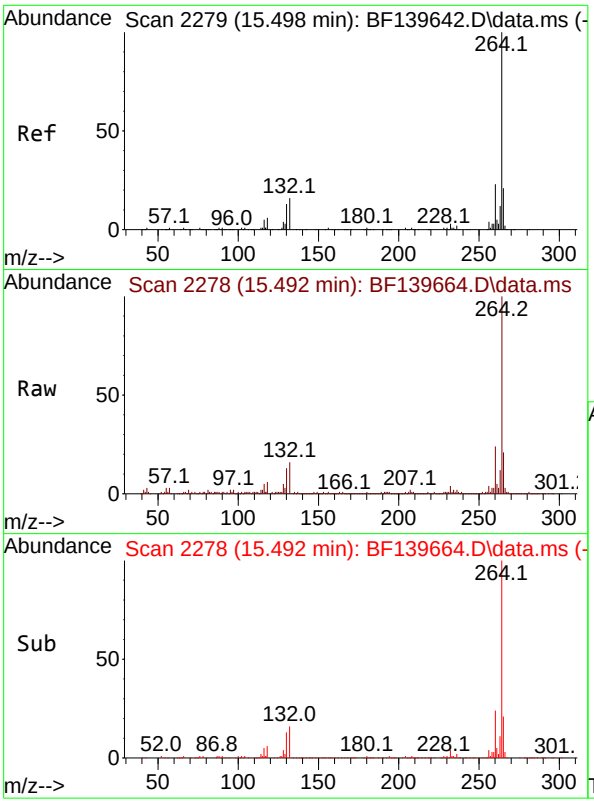


#83
Chrysene
Concen: 5.841 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:228 Resp: 61593

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	21.9	15.7	23.5



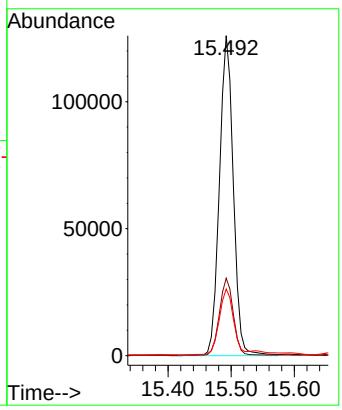


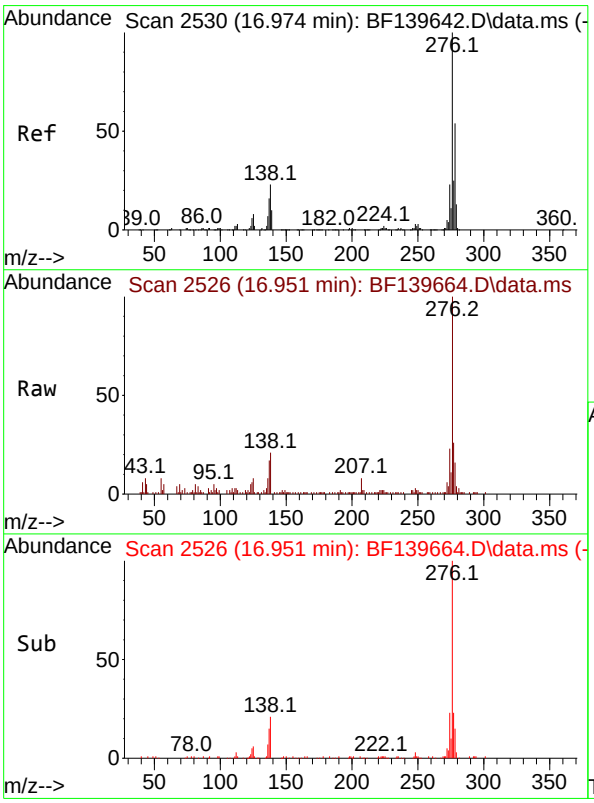
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:264 Resp: 192571

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	20.9	16.9	25.3

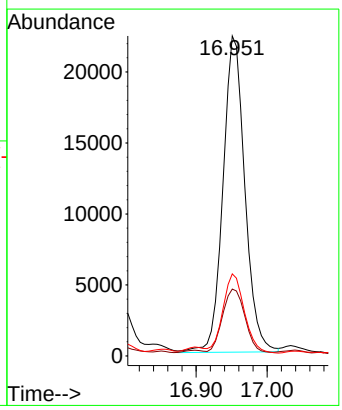


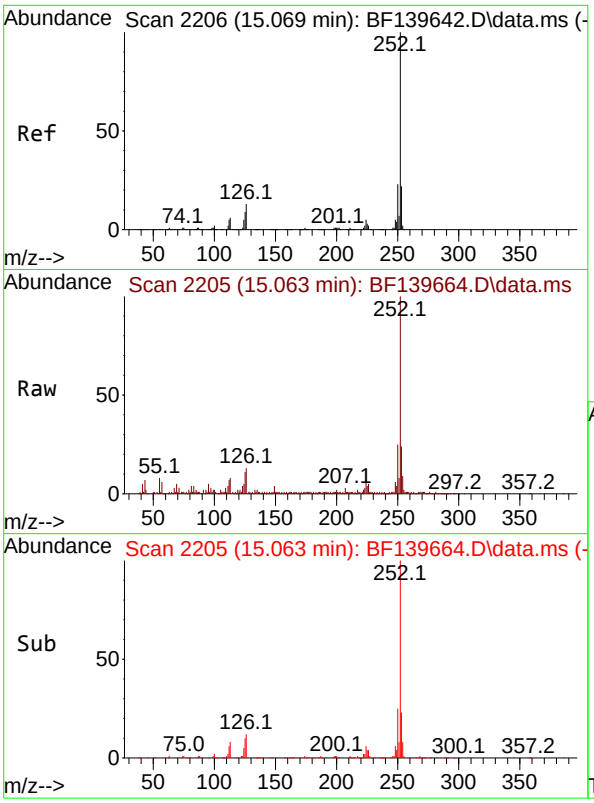


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.204 ng
RT: 16.951 min Scan# 2526
Delta R.T. -0.029 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:276 Resp: 47654

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.4	29.0
277	24.5	20.2	30.2



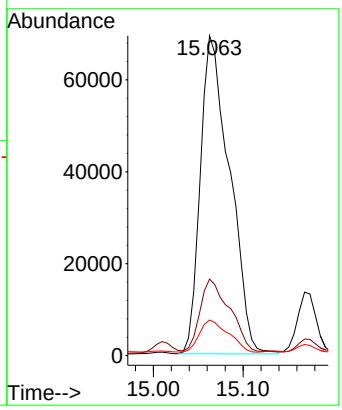


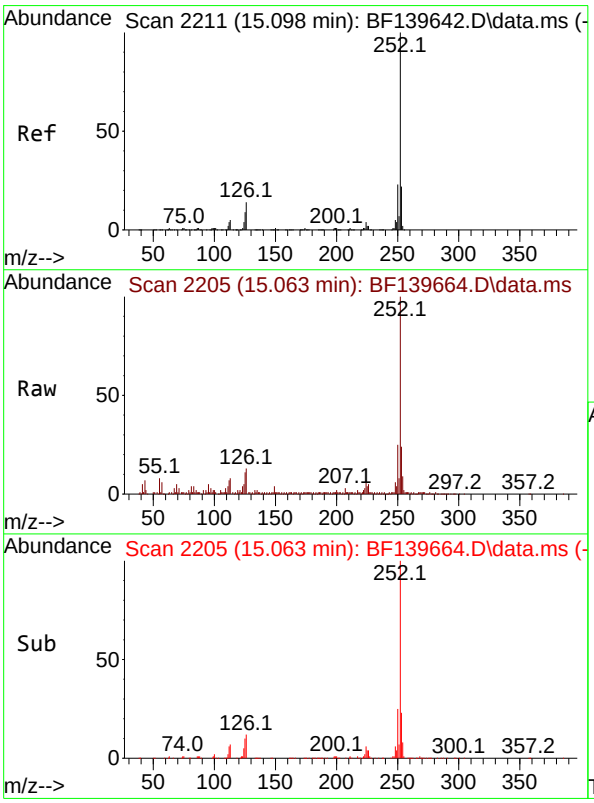
#88
Benzo(b)fluoranthene
Concen: 12.630 ng
RT: 15.063 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:252 Resp: 157255

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	11.1	7.4	11.0#

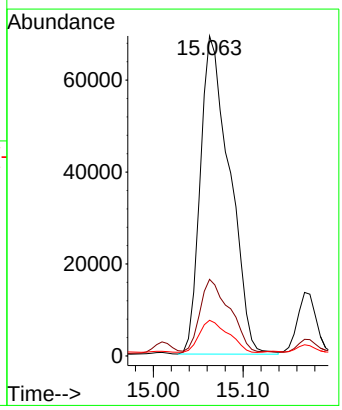


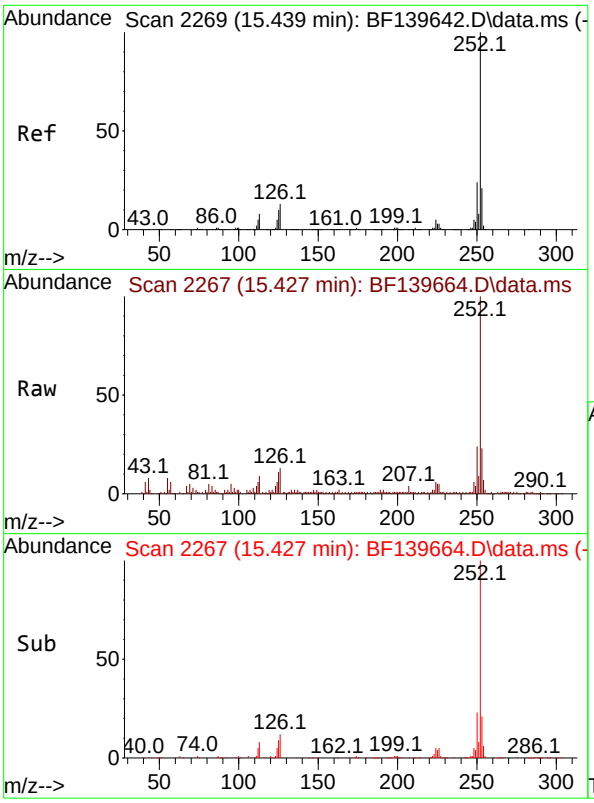


#89
Benzo(k)fluoranthene
Concen: 14.889 ng
RT: 15.063 min Scan# 2205
Delta R.T. -0.041 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:252 Resp: 157255

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	11.1	7.6	11.4



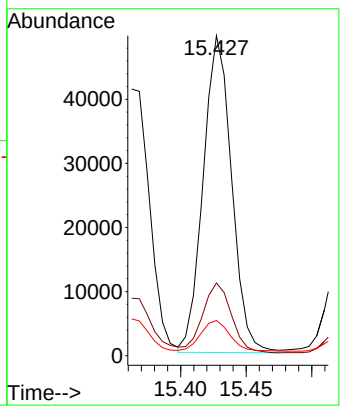


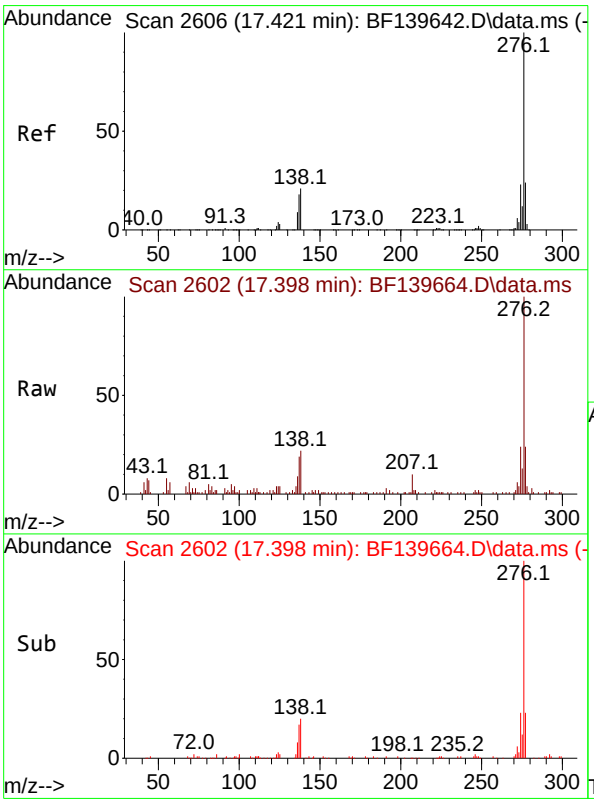
#90
Benzo(a)pyrene
Concen: 7.612 ng
RT: 15.427 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:252 Resp: 74736

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.0	8.3	12.5





#92
Benzo(g,h,i)perylene
Concen: 4.651 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.029 min
Lab File: BF139664.D
Acq: 04 Oct 2024 18:23

Tgt Ion:276 Resp: 43852

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	22.0	17.0	25.6