Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124833.D
Acq On : 28 Jul 2021 18:15
Operator : JU/CG
Sample : M3205-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Time: Jul 28 18:51:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	5519	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	22648	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	12848	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	24177	20.000	ng		0.00
76) Chrysene-d12	14.033	240	14444	20.000	ng		0.00
86) Perylene-d12	15.509	264	13833	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	43257	132.707	ng		0.00
7) Phenol-d6	6.498	99	51330	125.612	ng		0.00
23) Nitrobenzene-d5	7.433	82	35065	92.149	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	15753	142.803	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	75736	86.579	ng		0.00
79) Terphenyl-d14	12.986	244	82088	97.418	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	4819	22.085	ng	#	68
25) Isophorone	7.433	82	35064	52.113	ng	#	59
51) 2,6-Dinitrotoluene	9.910	165	1532	7.839	ng	#	26
57) 2,4-Dinitrotoluene	9.910	165	1532	5.776	ng	#	18
67) 4-Bromophenyl-phenylether	10.698	248	1260	4.914	ng	#	1
71) Phenanthrene	11.416	178	4670	3.591	ng		97
72) Anthracene	11.416	178	4670	3.592	ng		98
75) Fluoranthene	12.604	202	8883	6.694	ng		98
77) Benzidine	12.986	184	1086	2.666	ng	#	69
78) Pyrene	12.833	202	8674	7.586	ng		96
81) Benzo(a)anthracene	14.057	228	3535	3.744	ng		98
83) Chrysene	14.057	228	3535	3.886	ng		96
88) Benzo(b)fluoranthene	15.074	252	5077	5.213	ng	#	96
89) Benzo(k)fluoranthene	15.074	252	5077	5.705	ng	#	92
90) Benzo(a)pyrene	15.445	252	2875	3.534	ng	#	90
92) Benzo(g,h,i)perylene	17.427	276	1655	2.496	ng	#	47

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

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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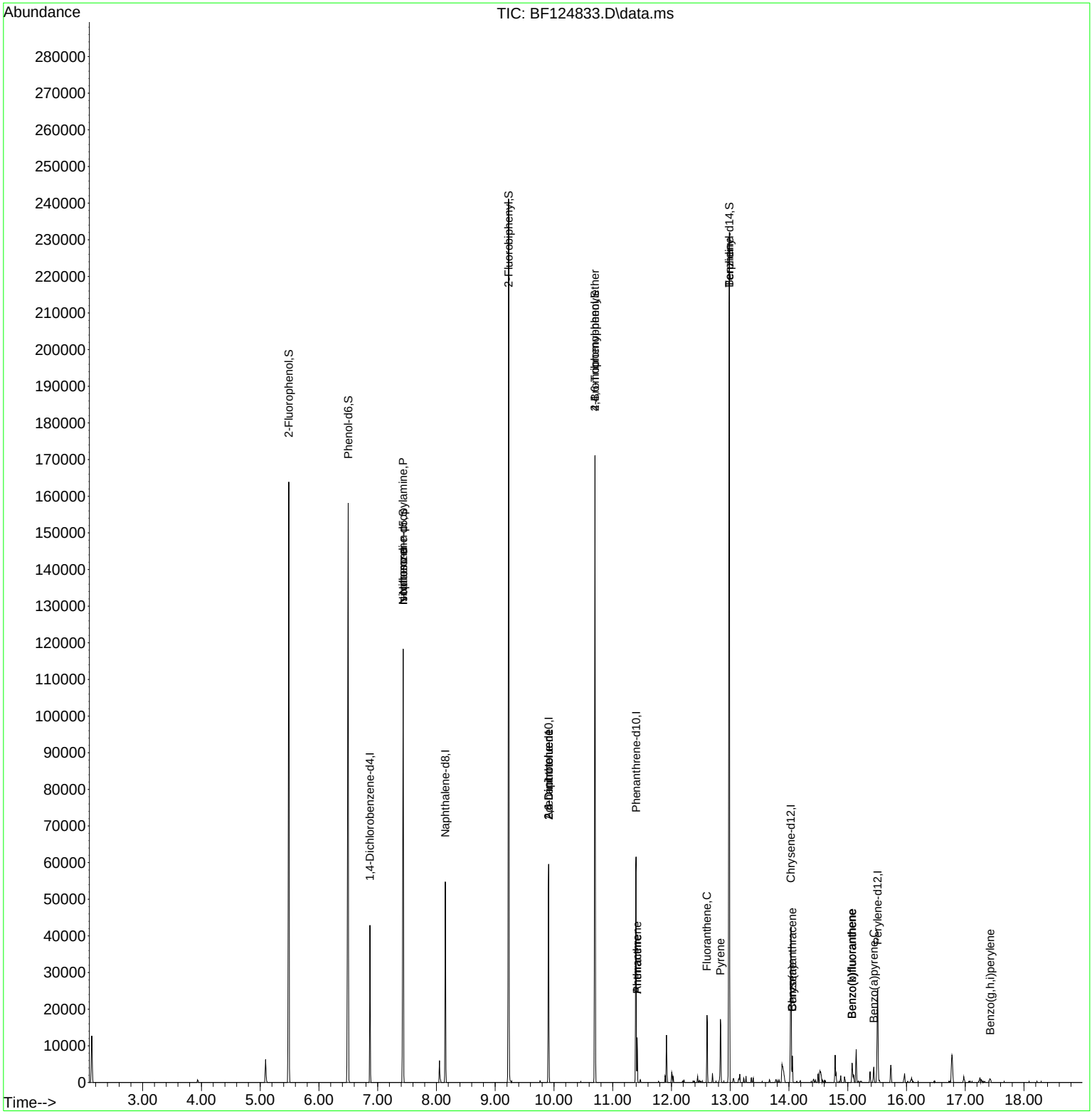
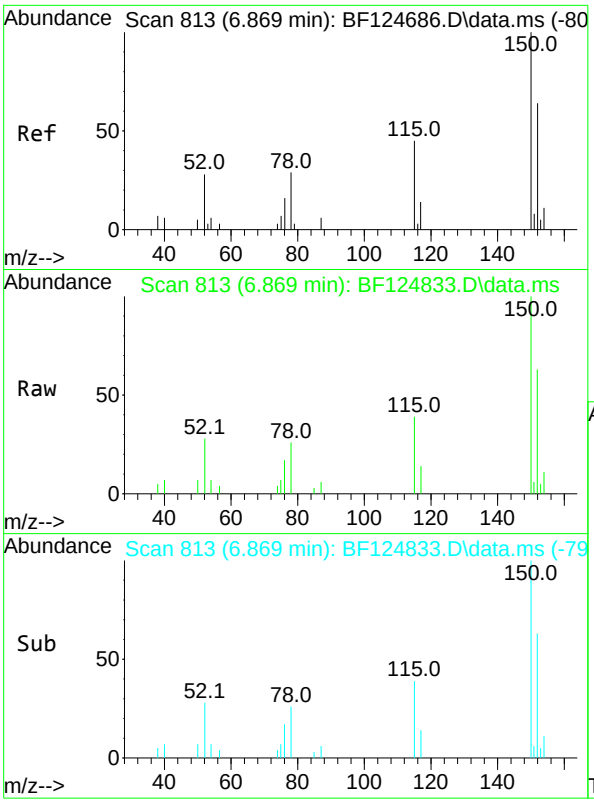
Quant Time: Jul 28 18:51:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

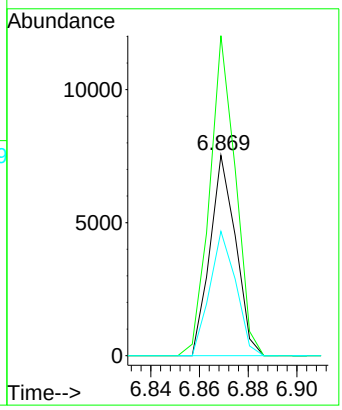


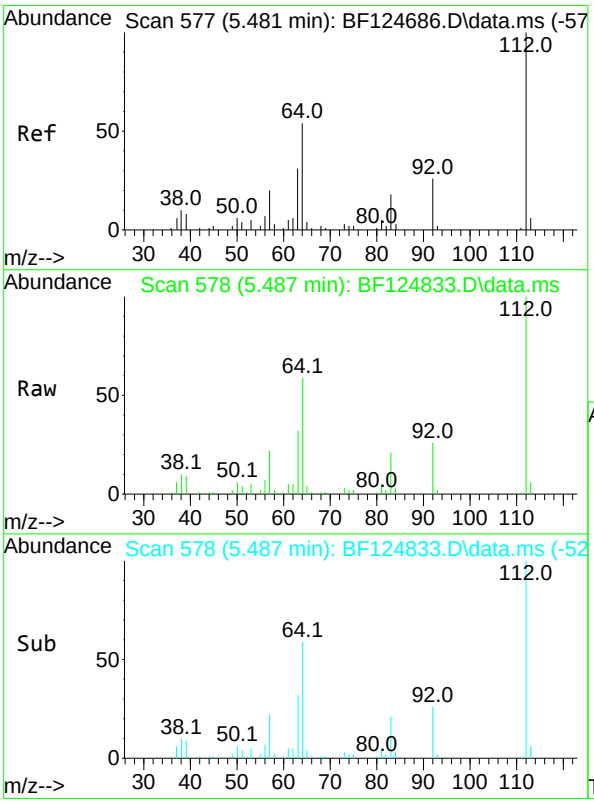


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:152 Resp: 5519

Ion	Ratio	Lower	Upper
152	100		
150	159.7	117.6	176.4
115	62.1	47.1	70.7

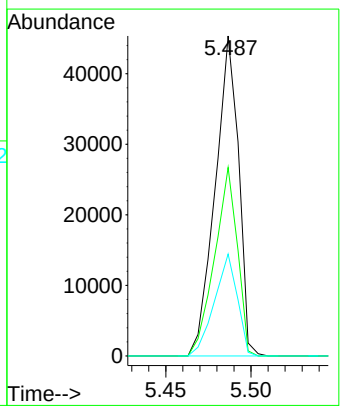




#5
2-Fluorophenol
Concen: 132.707 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:112 Resp: 43257

Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.2	66.2
63	31.9	26.2	39.2



Instrument :
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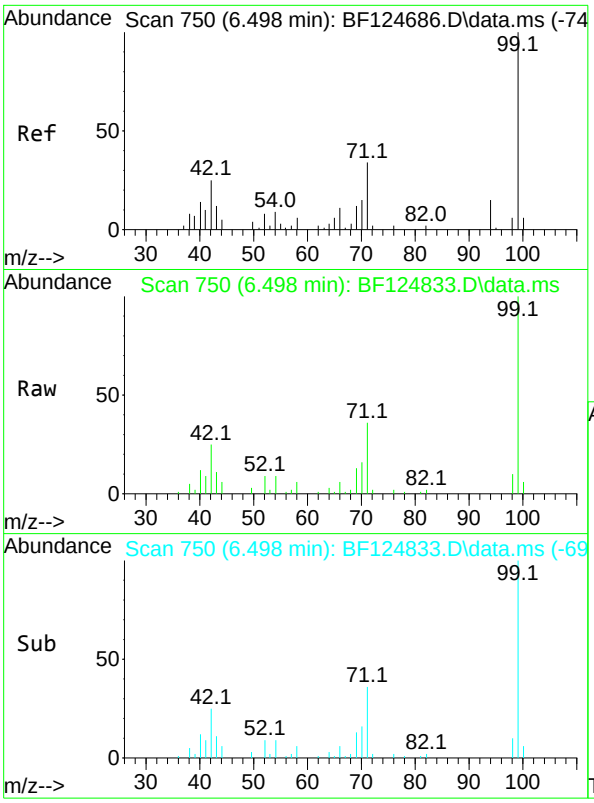
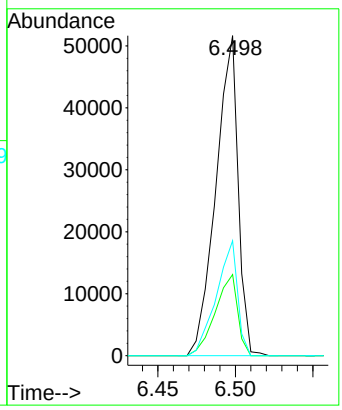
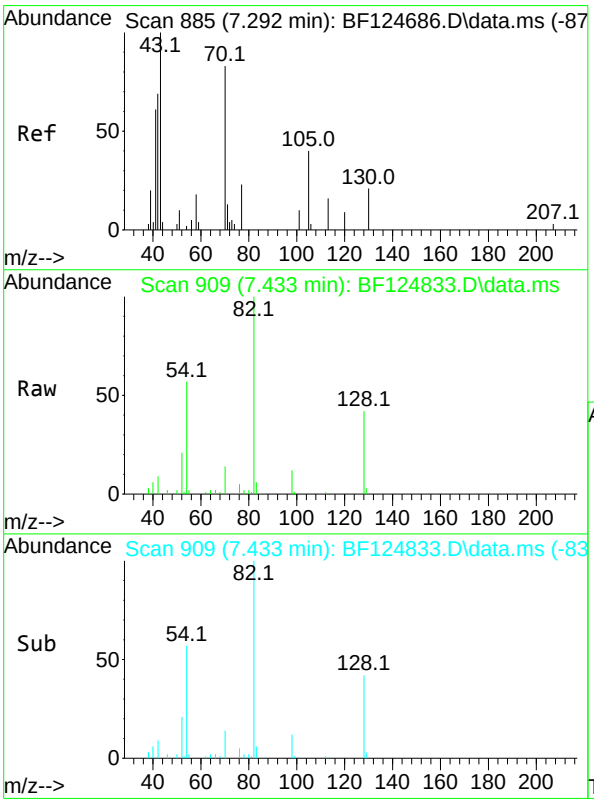


#7
Phenol-d6
Concen: 125.612 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 99 Resp: 51330

Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	35.9	25.6	38.4

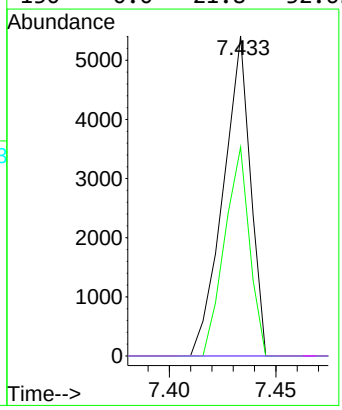




#19
n-Nitroso-di-n-propylamine
Concen: 22.085 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 70 Resp: 4819

Ion	Ratio	Lower	Upper
70	100		
42	65.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



Instrument :
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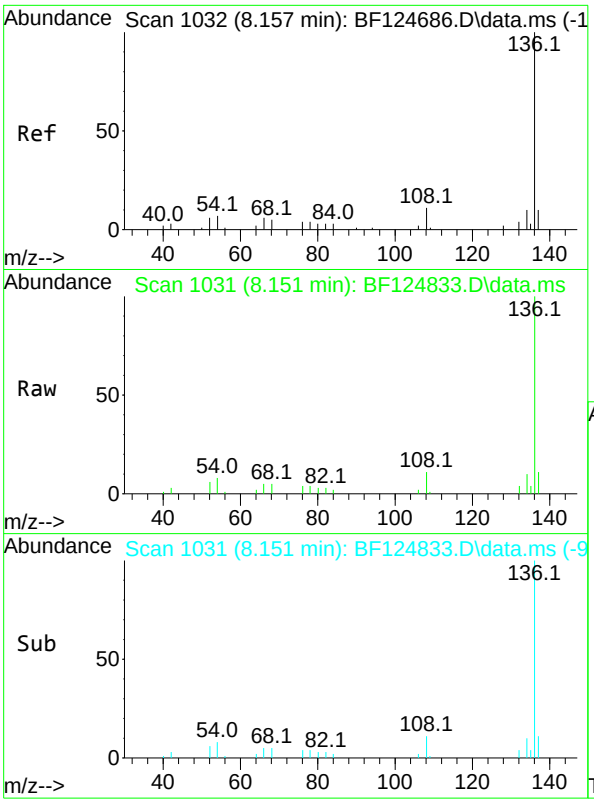
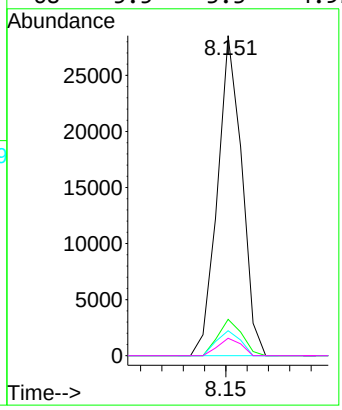
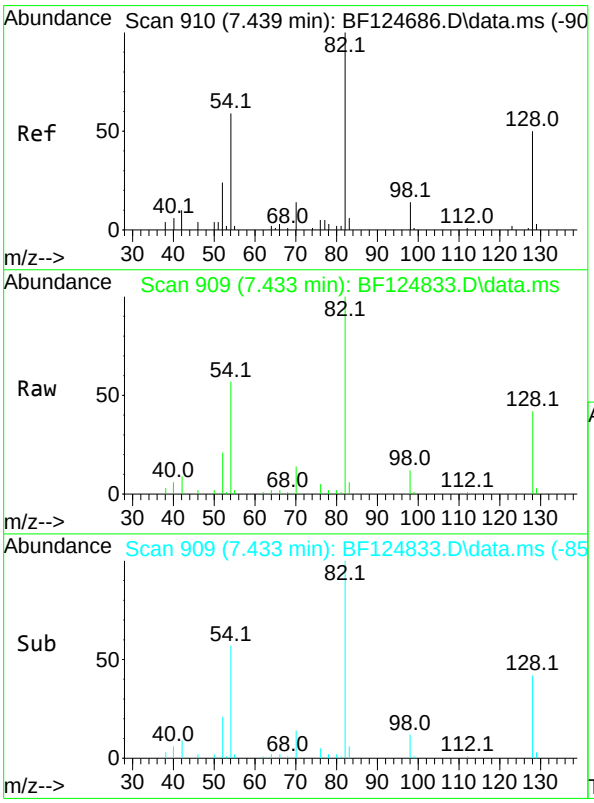


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:136 Resp: 22648

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	7.8	6.4	9.6
68	5.5	3.3	4.9#

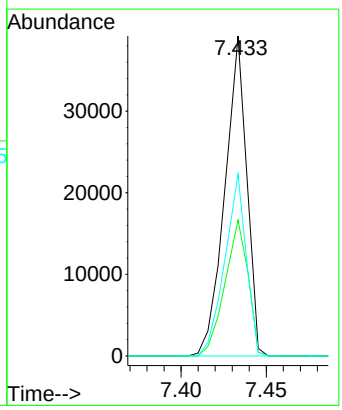




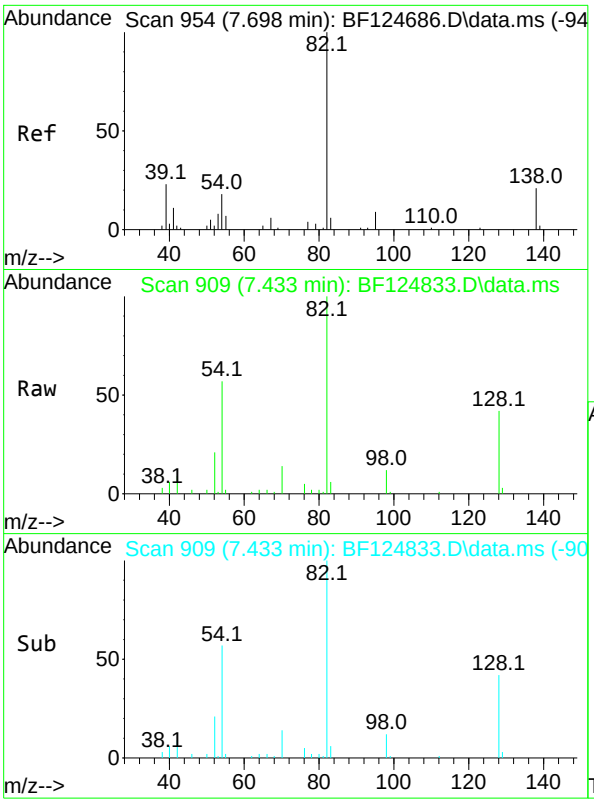
#23
Nitrobenzene-d5
Concen: 92.149 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 82 Resp: 35065

Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	60.8
54	56.8	49.6	74.4



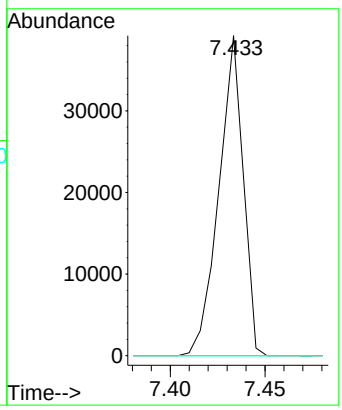
Instrument :
BNA_F
ClientSampleId :
VNJ-209

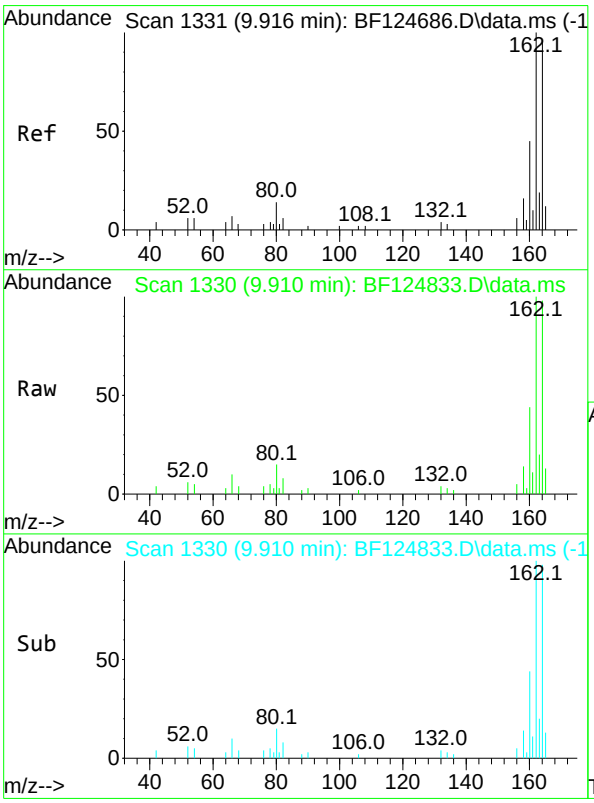


#25
Isophorone
Concen: 52.113 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 82 Resp: 35064

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

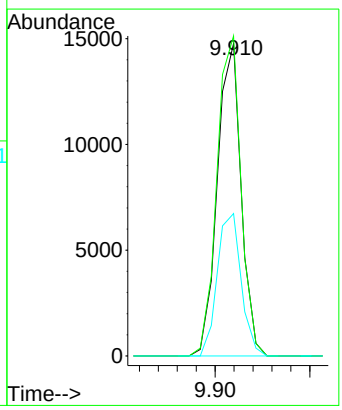




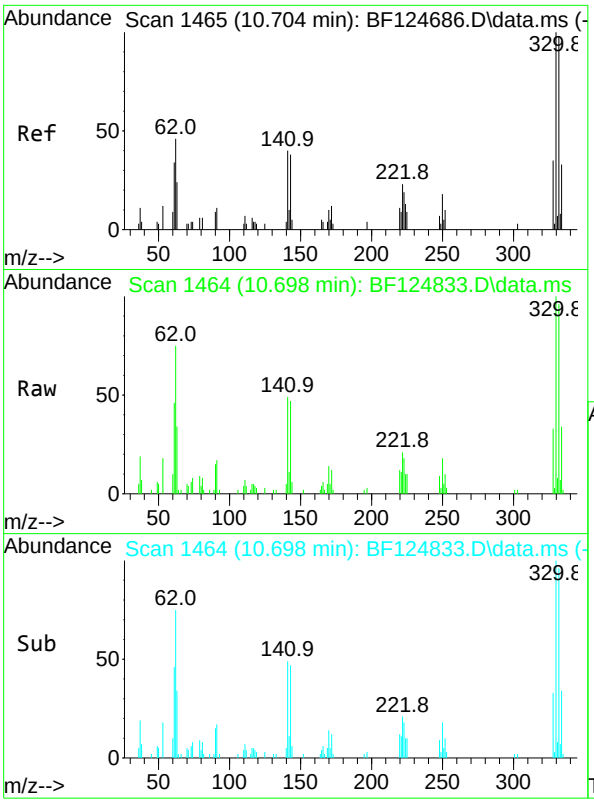
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:164 Resp: 12848

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	45.6	38.0	57.0



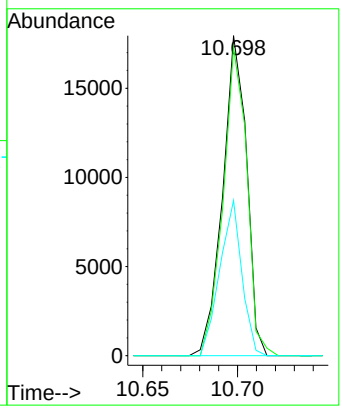
Instrument :
BNA_F
ClientSampleId :
VNJ-209

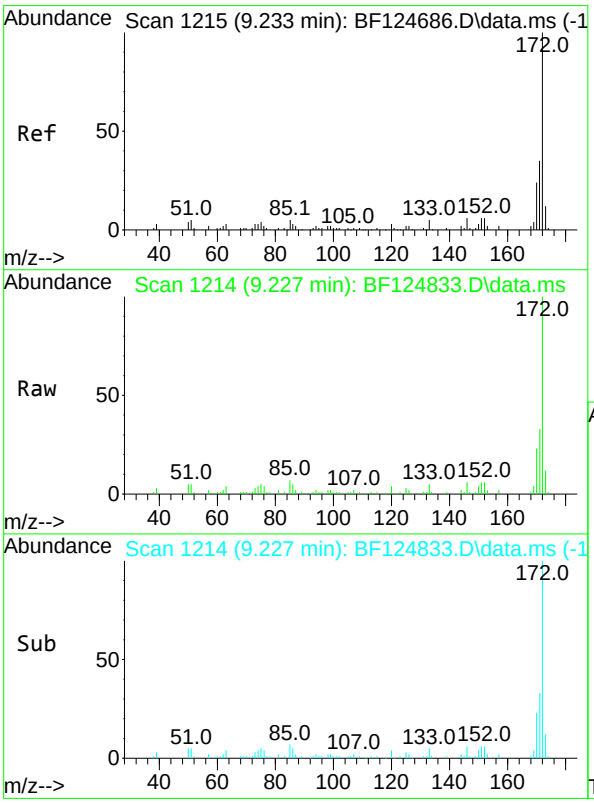


#42
2,4,6-Tribromophenol
Concen: 142.803 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:330 Resp: 15753

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	44.9	44.6	66.8

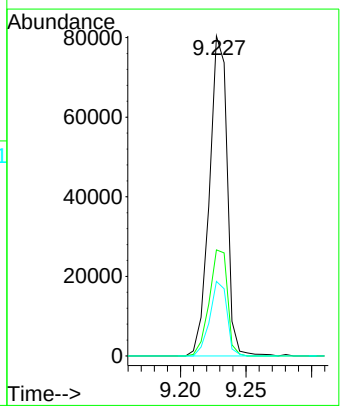




#45
2-Fluorobiphenyl
Concen: 86.579 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:172 Resp: 75736

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.5	39.7
170	23.3	18.8	28.2



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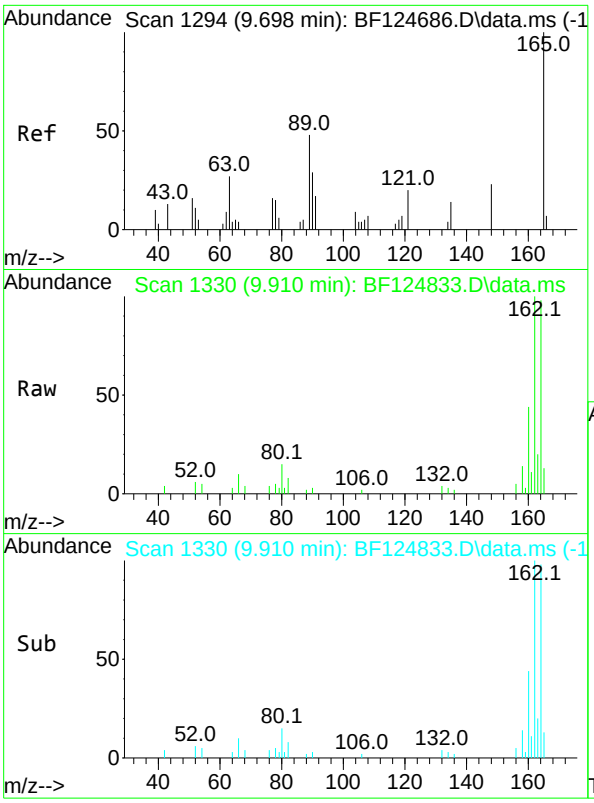
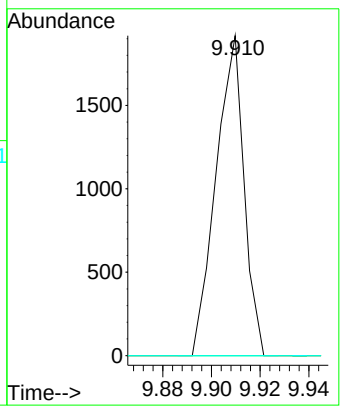
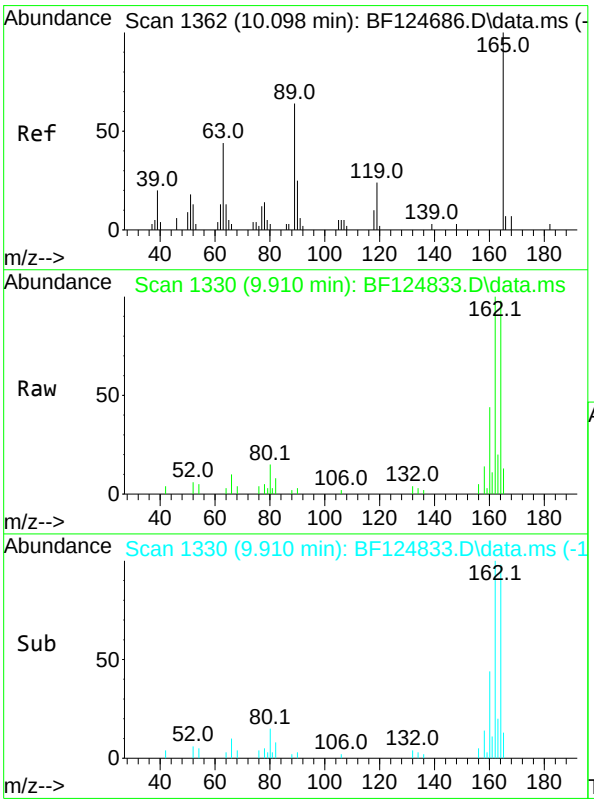


#51
2,6-Dinitrotoluene
Concen: 7.839 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:165 Resp: 1532

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	63.8#
89	0.0	40.6	60.8#

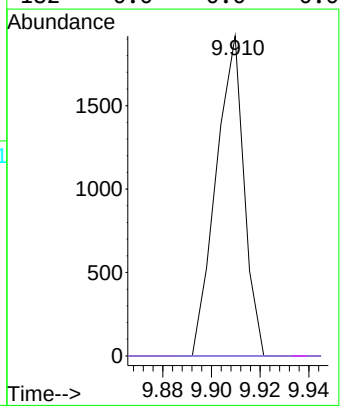




#57
2,4-Dinitrotoluene
Concen: 5.776 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:165 Resp: 1532

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.9	61.3#
89	0.0	59.7	89.5#
182	0.0	0.0	0.0



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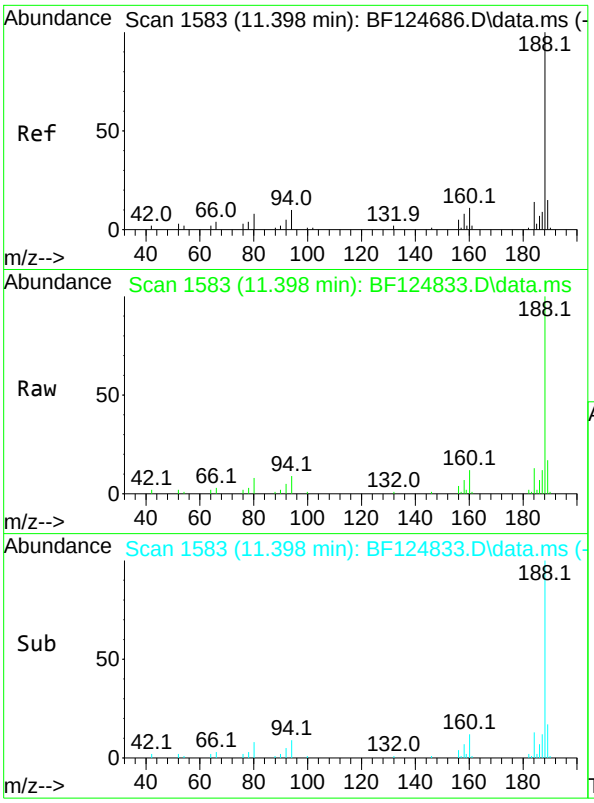
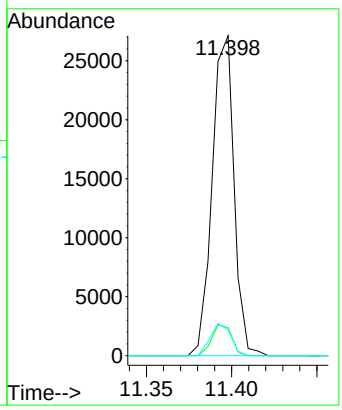
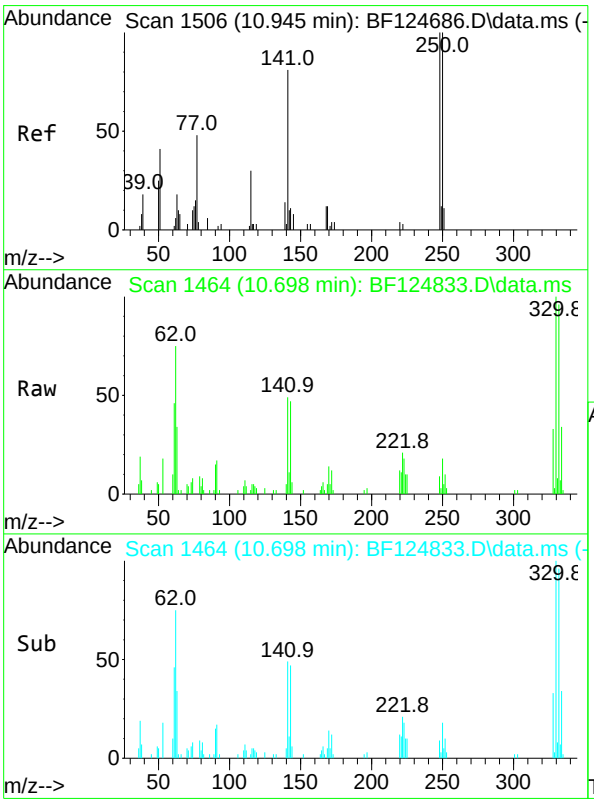


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:188 Resp: 24177

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	8.0	7.5	11.3

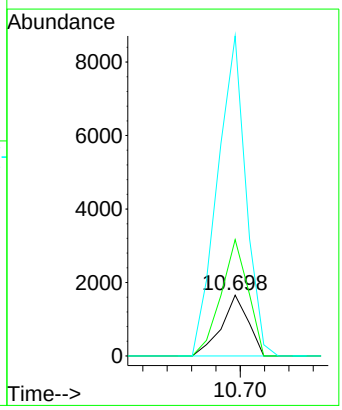




#67
4-Bromophenyl-phenylether
Concen: 4.914 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:248 Resp: 1260

Ion	Ratio	Lower	Upper
248	100		
250	191.4	74.2	111.4#
141	526.7	60.4	90.6#



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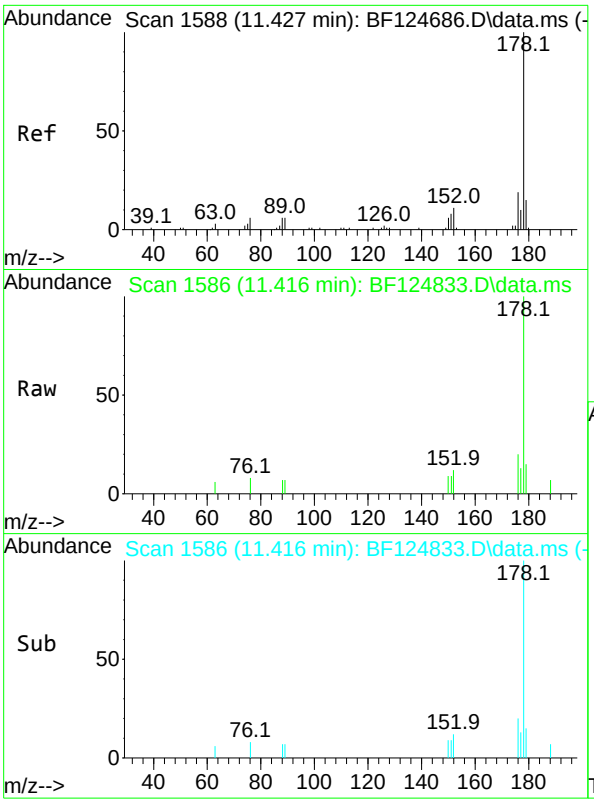
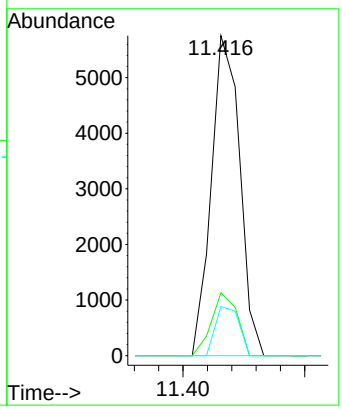
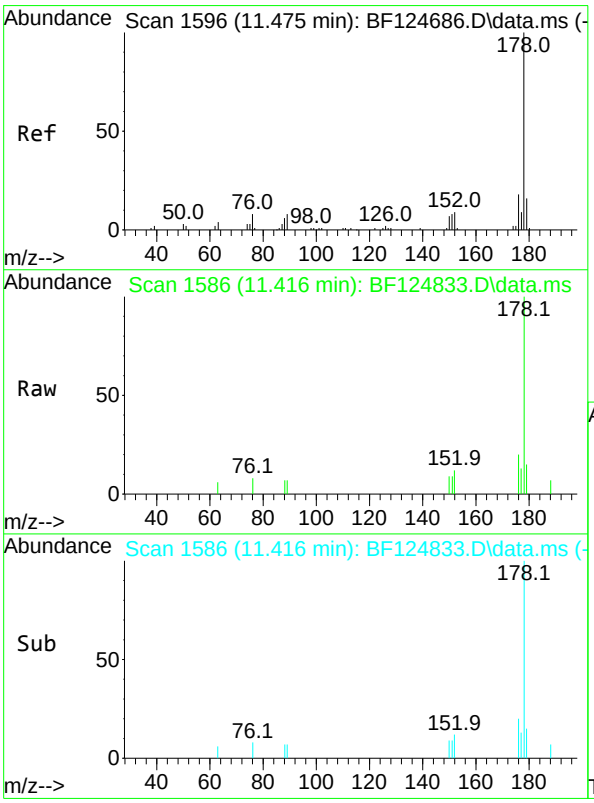


#71
Phenanthrene
Concen: 3.591 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:178 Resp: 4670

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.7	22.1
179	15.3	11.5	17.3

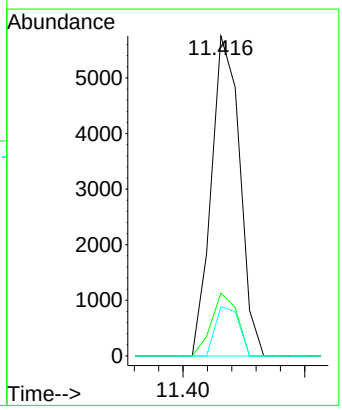




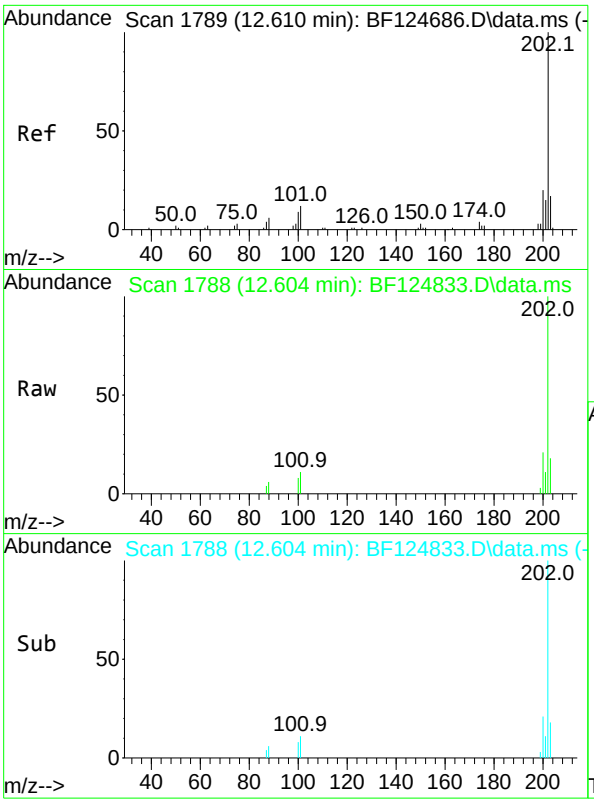
#72
Anthracene
Concen: 3.592 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.059 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:178 Resp: 4670

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.3	21.5
179	15.3	12.2	18.4



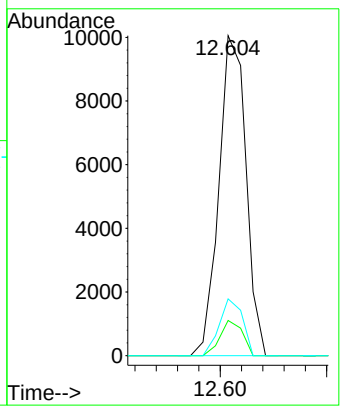
Instrument :
BNA_F
ClientSampleId :
VNJ-209

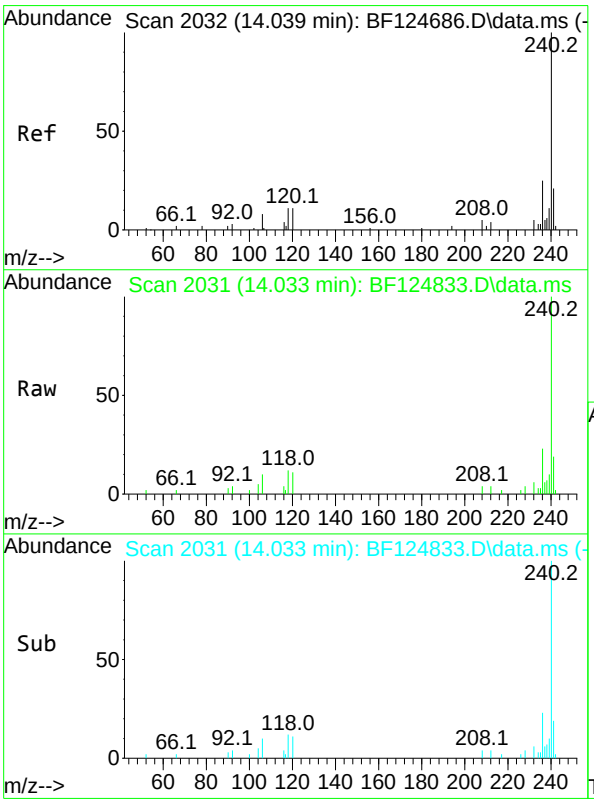


#75
Fluoranthene
Concen: 6.694 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:202 Resp: 8883

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	17.7	0.0	36.3

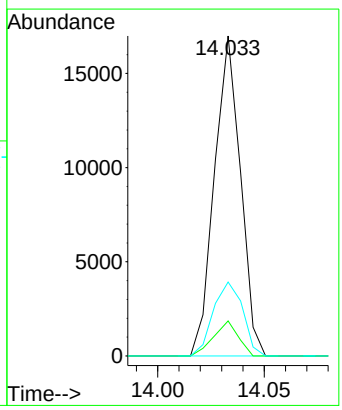




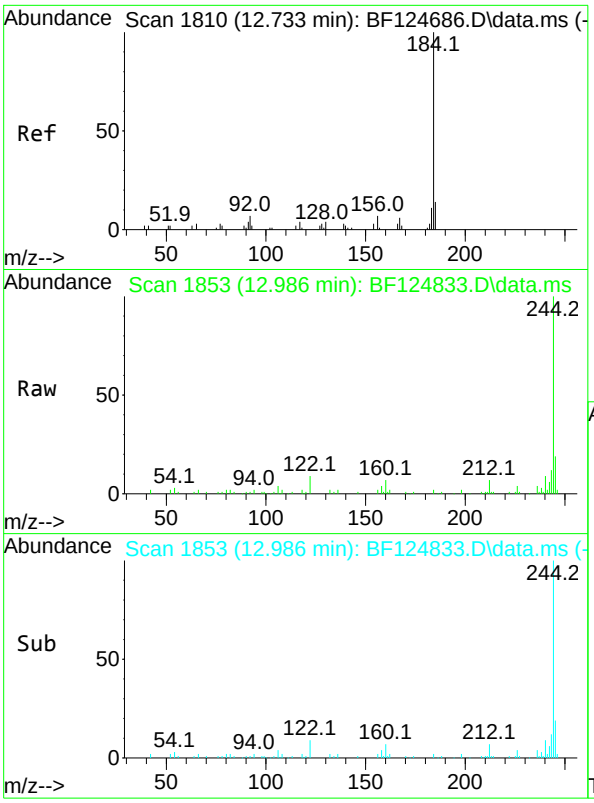
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:240 Resp: 14444

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.8	16.2
236	23.1	21.6	32.4



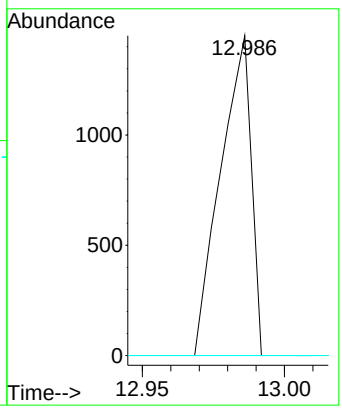
Instrument :
BNA_F
ClientSampleId :
VNJ-209

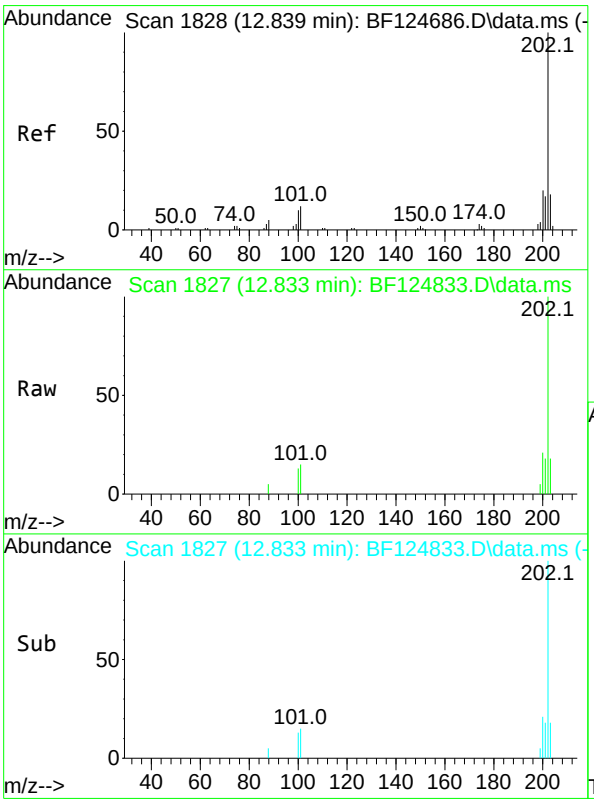


#77
Benzidine
Concen: 2.666 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:184 Resp: 1086

Ion	Ratio	Lower	Upper
184	100		
185	0.0	10.8	16.2#
183	0.0	8.1	12.1#

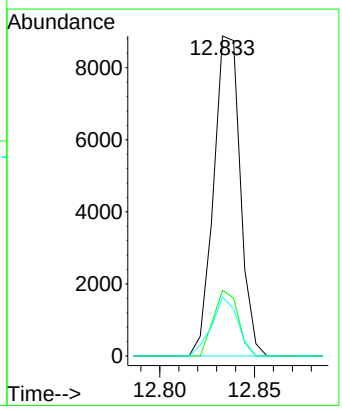




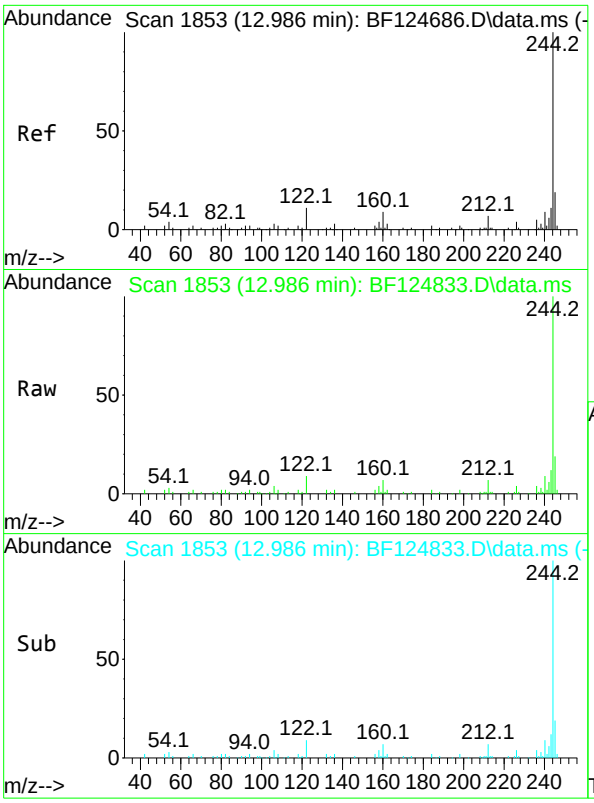
#78
Pyrene
Concen: 7.586 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:202 Resp: 8674

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.3	22.9
203	18.4	13.4	20.0



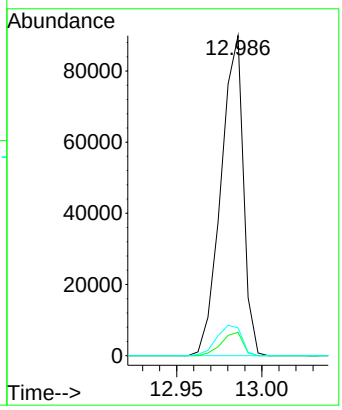
Instrument :
BNA_F
ClientSampleId :
VNJ-209

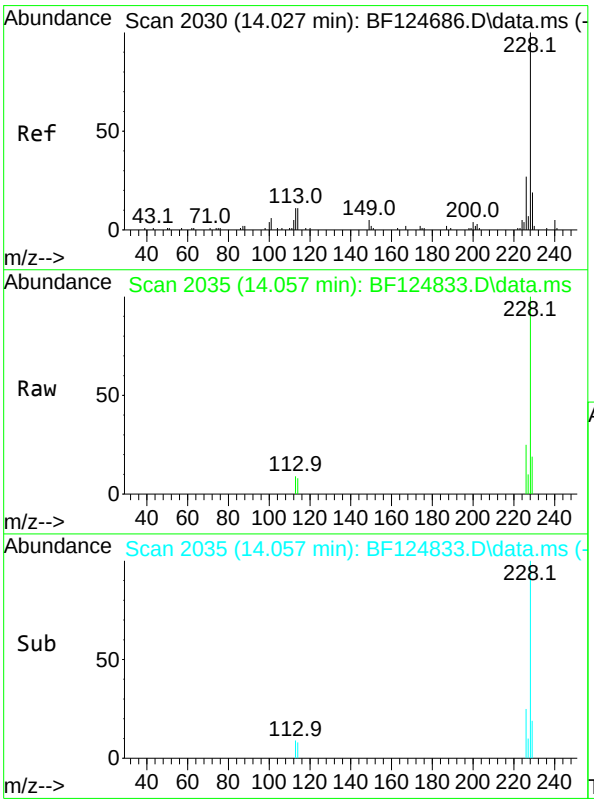


#79
Terphenyl-d14
Concen: 97.418 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:244 Resp: 82088

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	8.7	9.0	13.4#

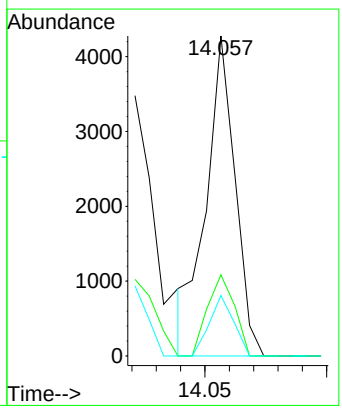




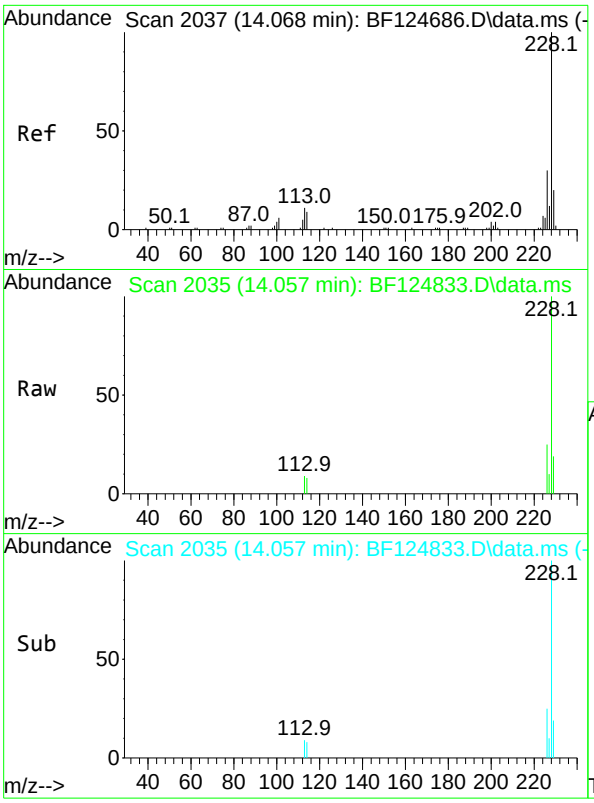
#81
Benzo(a)anthracene
Concen: 3.744 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.029 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:228 Resp: 3535

Ion	Ratio	Lower	Upper
228	100		
226	25.4	21.6	32.4
229	18.9	15.6	23.4



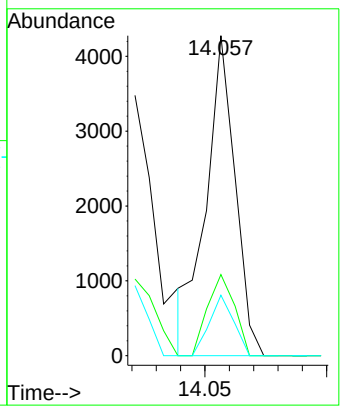
Instrument :
BNA_F
ClientSampleId :
VNJ-209

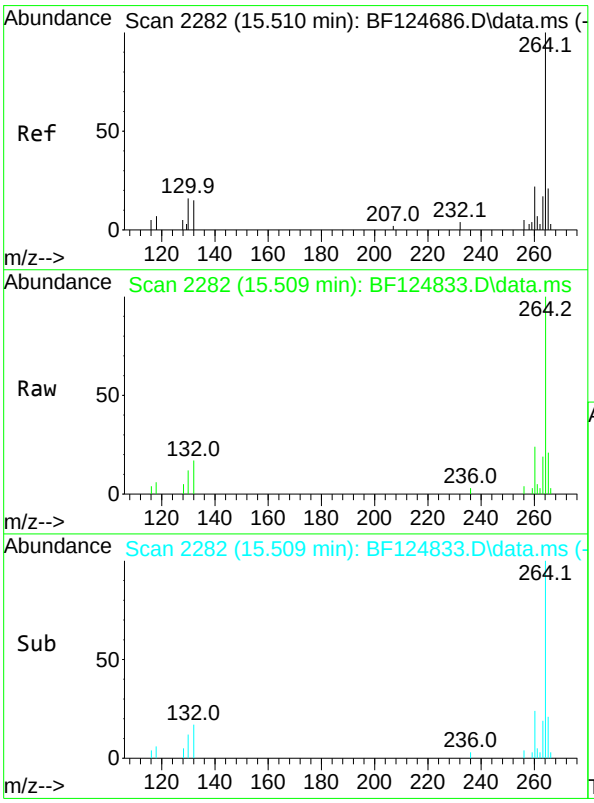


#83
Chrysene
Concen: 3.886 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:228 Resp: 3535

Ion	Ratio	Lower	Upper
228	100		
226	25.4	22.6	34.0
229	18.9	15.9	23.9

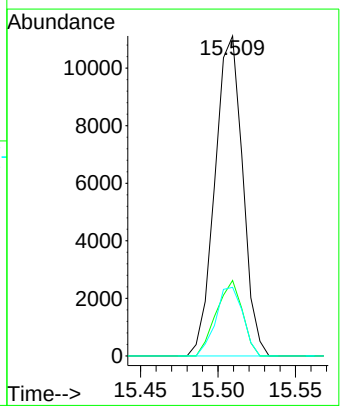




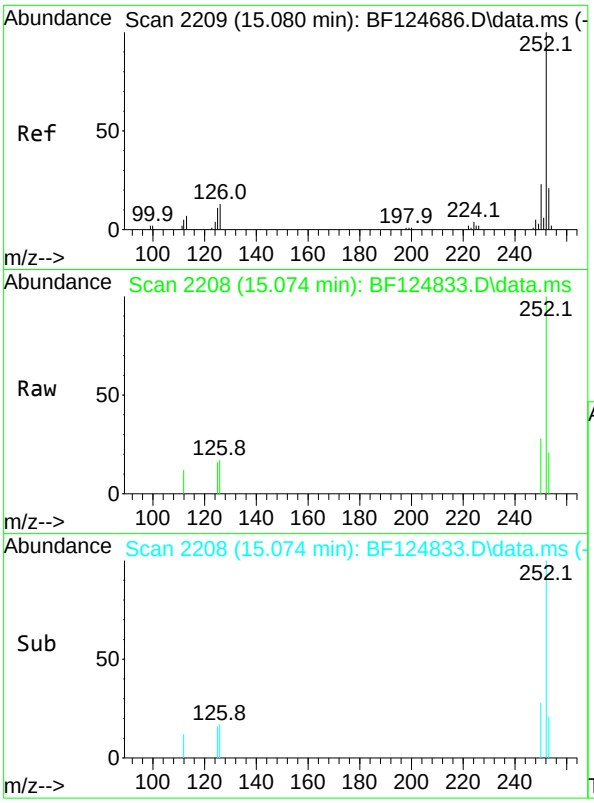
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:264 Resp: 13833

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.5	17.2	25.8



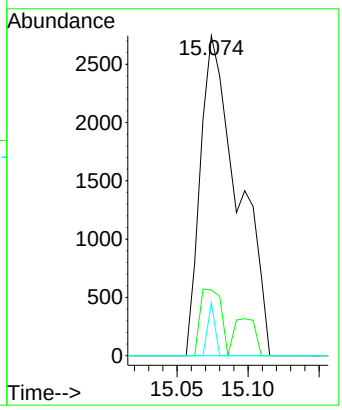
Instrument :
BNA_F
ClientSampleId :
VNJ-209

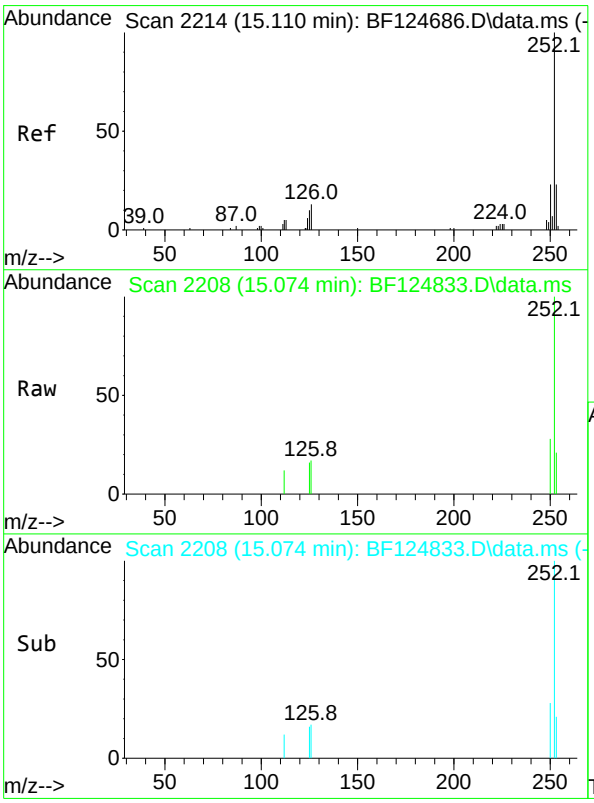


#88
Benzo(b)fluoranthene
Concen: 5.213 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:252 Resp: 5077

Ion	Ratio	Lower	Upper
252	100		
253	20.6	16.8	25.2
125	16.5	9.8	14.8#

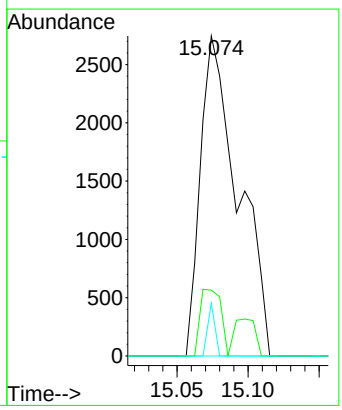




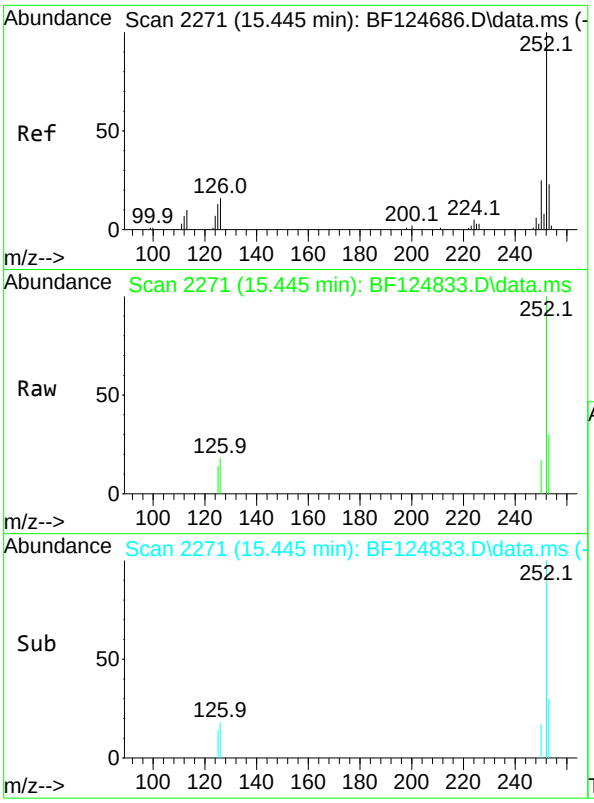
#89
Benzo(k)fluoranthene
Concen: 5.705 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:252 Resp: 5077

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.8	26.8
125	16.5	7.2	10.8#



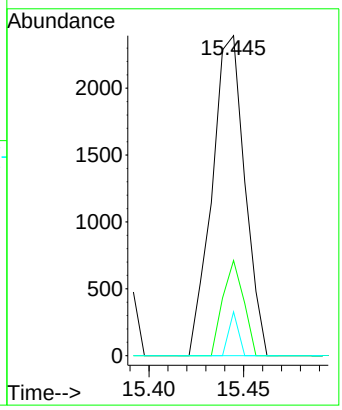
Instrument :
BNA_F
ClientSampleId :
VNJ-209

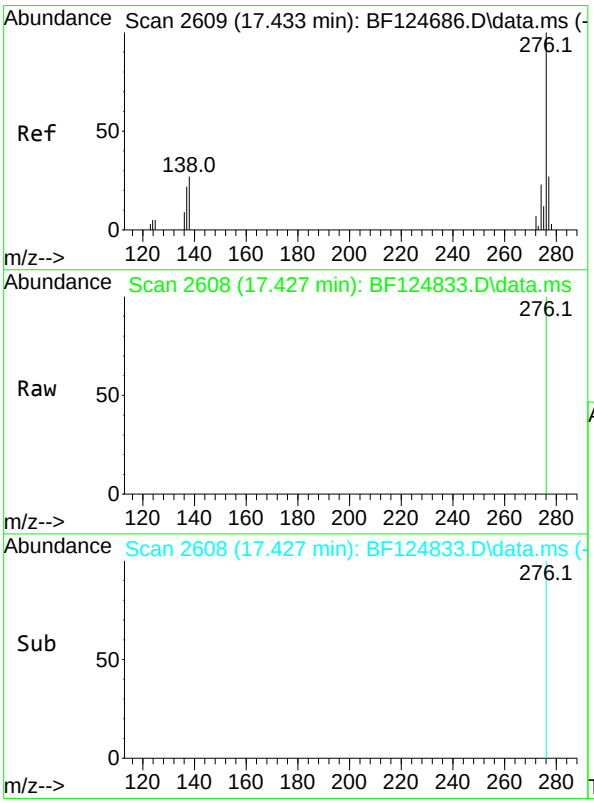


#90
Benzo(a)pyrene
Concen: 3.534 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:252 Resp: 2875

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.4	27.6#
125	13.7	9.9	14.9





#92
Benzo(g,h,i)perylene
Concen: 2.496 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:276 Resp: 1655

Ion	Ratio	Lower	Upper
276	100		
277	0.0	22.0	33.0#
138	0.0	22.2	33.4#