Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126287.D
Acq On : 20 Dec 2021 19:49
Operator : JU/CG
Sample : M5147-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Time: Dec 21 05:11:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	137123	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	485485	20.000	ng	#	0.00
39) Acenaphthene-d10	9.851	164	201740	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	308311	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	294894	20.000	ng		0.00
86) Perylene-d12	15.421	264	291184	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	963497	103.476	ng		0.00
7) Phenol-d6	6.445	99	1158752	98.008	ng		0.00
23) Nitrobenzene-d5	7.375	82	703427	78.472	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	178129	109.870	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	935952	81.369	ng		0.00
79) Terphenyl-d14	12.921	244	859717	50.672	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.451	94	33151	2.498	ng		93
19) n-Nitroso-di-n-propyla...	7.375	70	88814	12.237	ng	#	55
25) Isophorone	7.375	82	688290	40.661	ng	#	59
51) 2,6-Dinitrotoluene	9.851	165	25522	9.227	ng	#	28
57) 2,4-Dinitrotoluene	9.851	165	25522	7.233	ng	#	20
67) 4-Bromophenyl-phenylether	10.639	248	10117	3.496	ng	#	1
71) Phenanthrene	11.357	178	103918	6.530	ng		97
72) Anthracene	11.410	178	39705	2.486	ng		99
75) Fluoranthene	12.545	202	295194	20.589	ng		89
78) Pyrene	12.774	202	295715	10.915	ng		98
81) Benzo(a)anthracene	13.963	228	128720	7.369	ng		94
83) Chrysene	13.998	228	159411	8.783	ng		97
85) Di-n-octyl phthalate	14.574	149	51675	2.035	ng	#	65
87) Indeno(1,2,3-cd)pyrene	16.845	276	65503	3.373	ng		95
88) Benzo(b)fluoranthene	15.004	252	285897	16.341	ng	#	96
89) Benzo(k)fluoranthene	15.004	252	285897	17.082	ng	#	95
90) Benzo(a)pyrene	15.357	252	117662	8.092	ng	#	93
92) Benzo(g,h,i)perylene	17.274	276	61461	3.762	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126287.D
Acq On : 20 Dec 2021 19:49
Operator : JU/CG
Sample : M5147-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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VNJ-210

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
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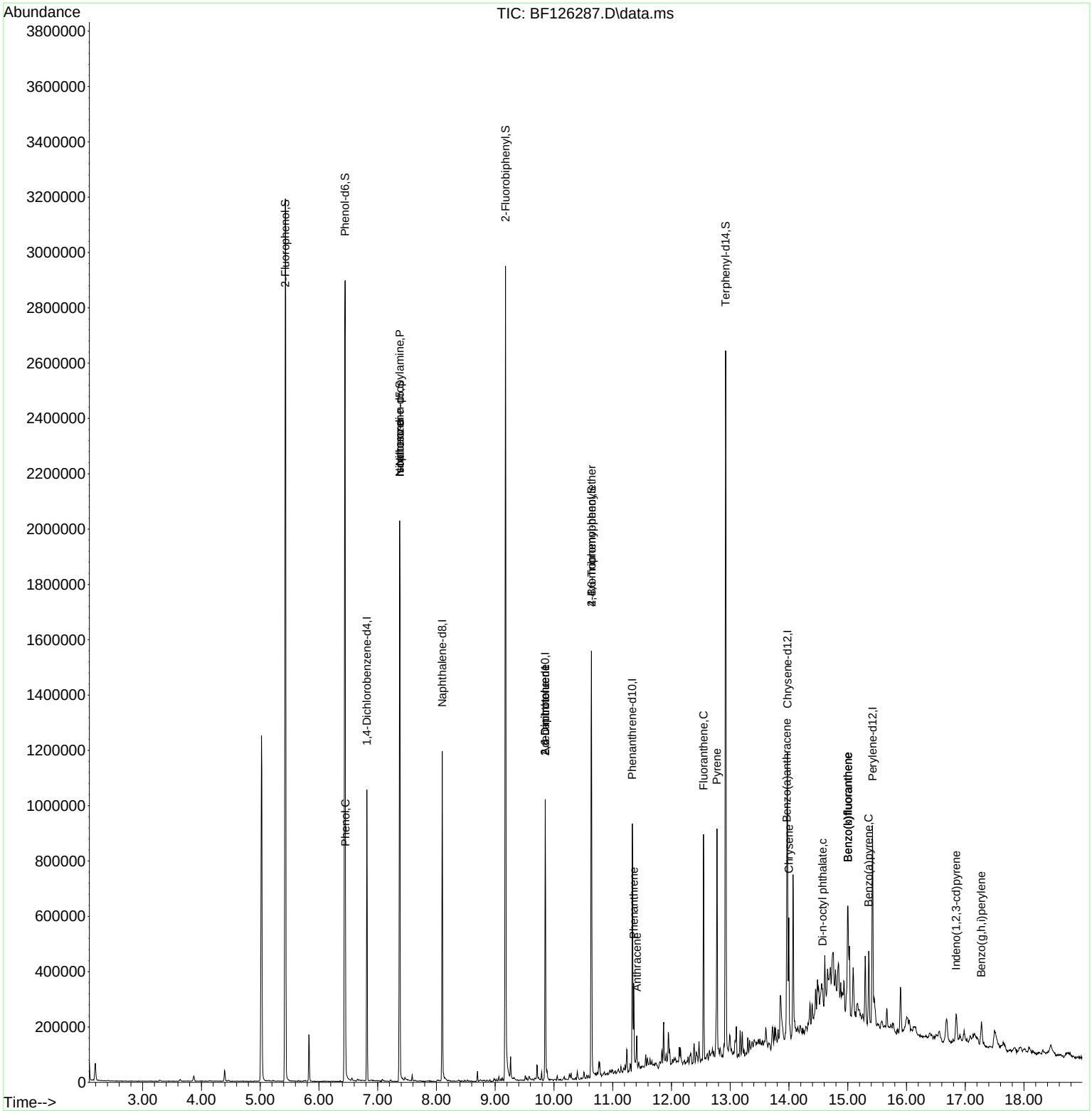
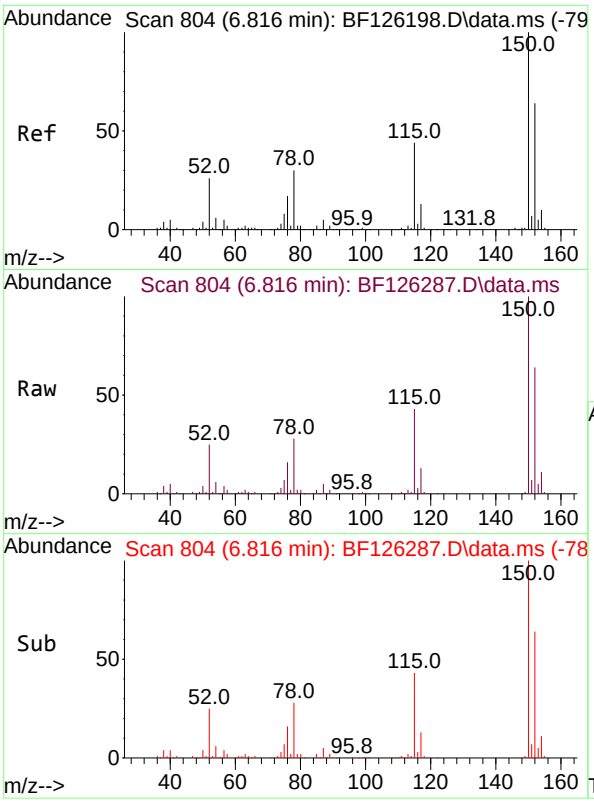


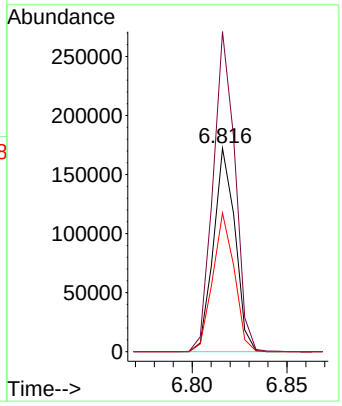


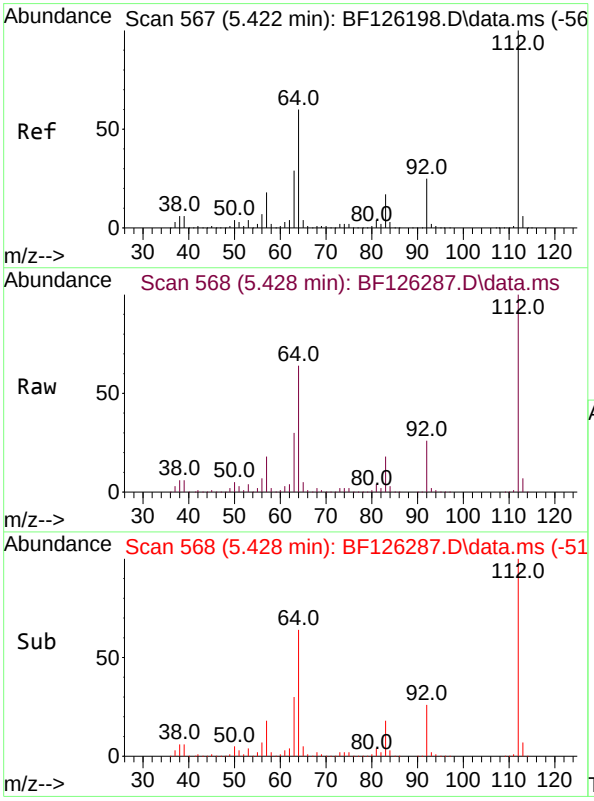
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:152 Resp: 137123

Ion	Ratio	Lower	Upper
152	100		
150	157.2	117.6	176.4
115	68.2	47.1	70.7

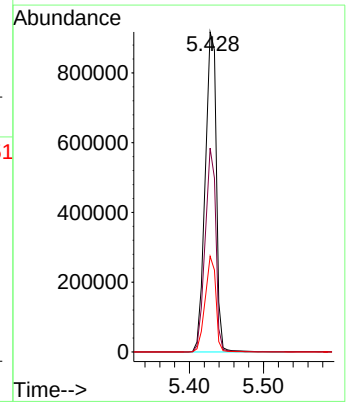


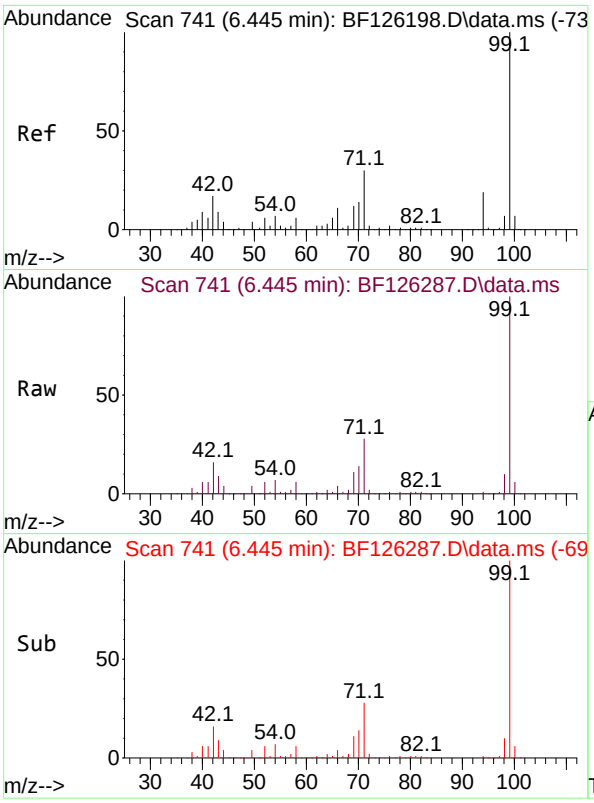


#5
2-Fluorophenol
Concen: 103.476 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:112 Resp: 963497

Ion	Ratio	Lower	Upper
112	100		
64	63.7	44.2	66.2
63	29.9	26.2	39.2



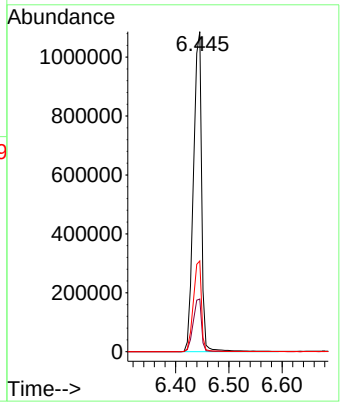


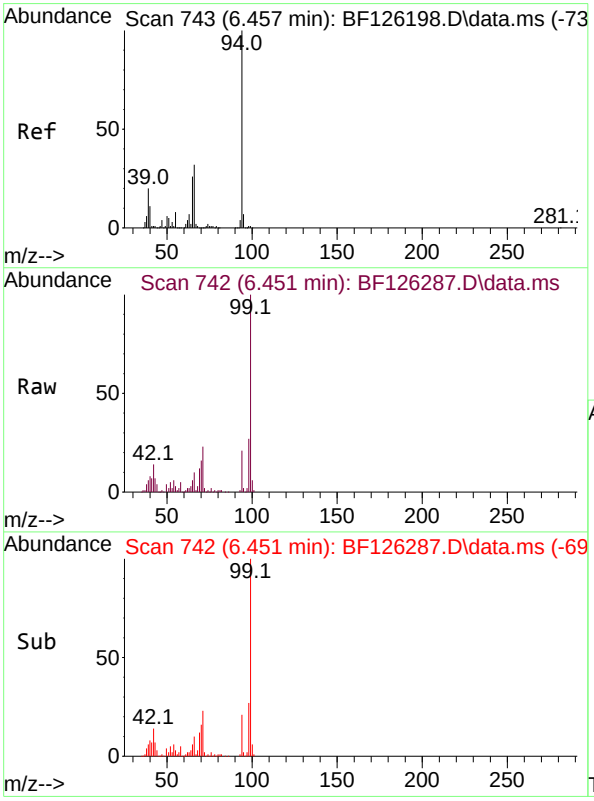
#7
Phenol-d6
Concen: 98.008 ng
RT: 6.445 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion: 99 Resp: 1158752

Ion	Ratio	Lower	Upper
99	100		
42	16.5	23.5	35.3#
71	28.4	25.6	38.4

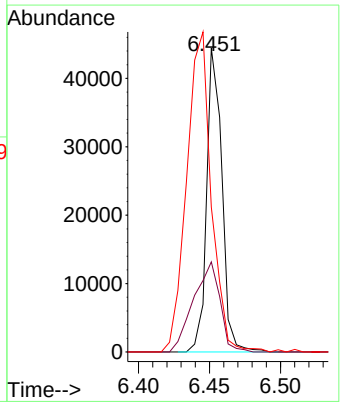


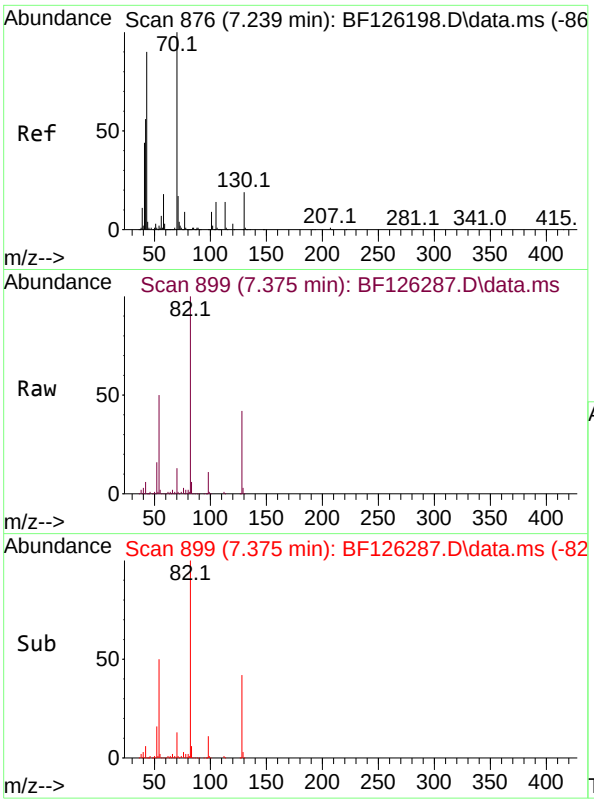


#10
Phenol
Concen: 2.498 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion: 94 Resp: 33151

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.3	49.3
66	47.6	20.3	60.3



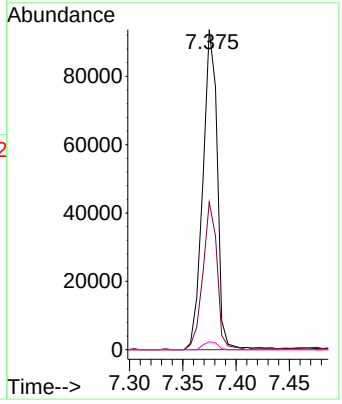


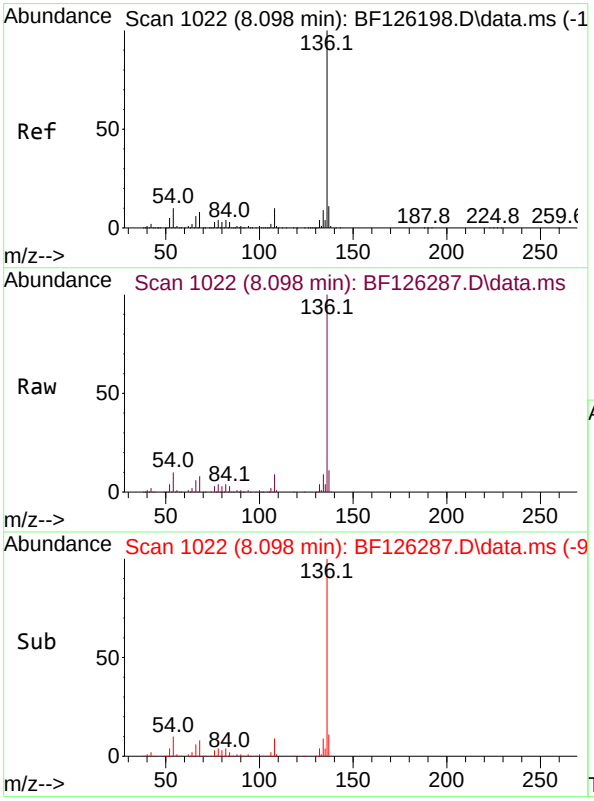
#19
n-Nitroso-di-n-propylamine
Concen: 12.237 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.135 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion: 70 Resp: 88814

Ion	Ratio	Lower	Upper
70	100		
42	46.2	72.2	108.2#
101	0.0	7.8	11.8#
130	2.5	21.8	32.6#

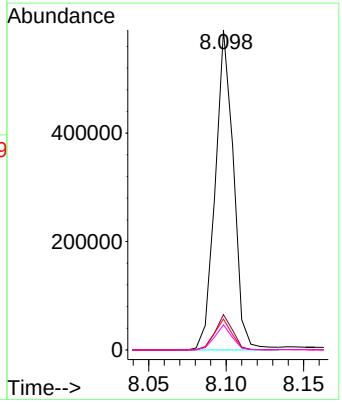


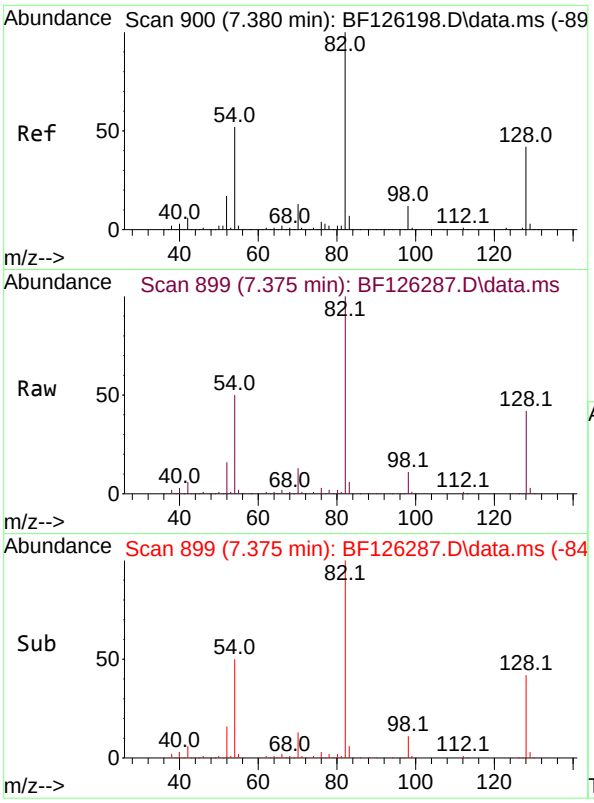


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:136 Resp: 485485

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.7	6.4	9.6#
68	7.8	3.3	4.9#



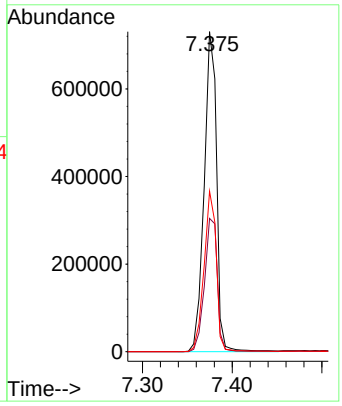


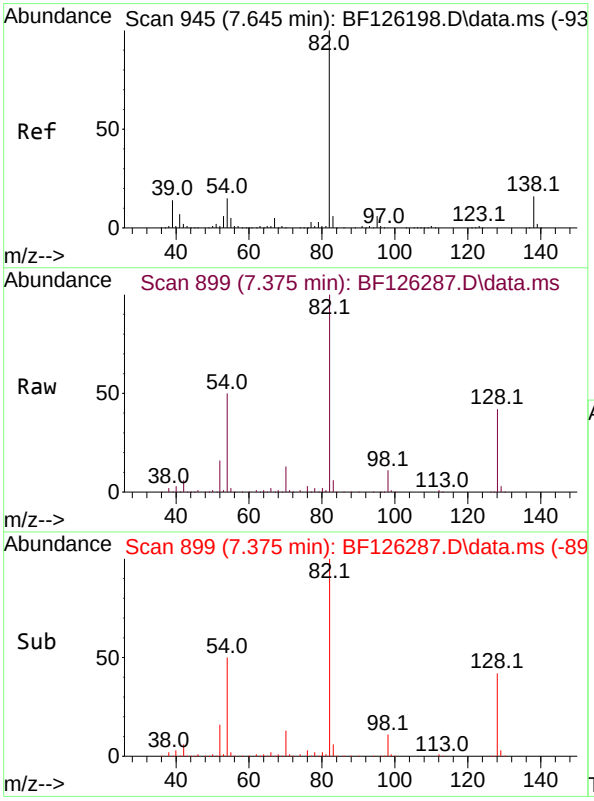
#23
Nitrobenzene-d5
Concen: 78.472 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion: 82 Resp: 703427

Ion	Ratio	Lower	Upper
82	100		
128	41.6	40.6	60.8
54	50.2	49.6	74.4

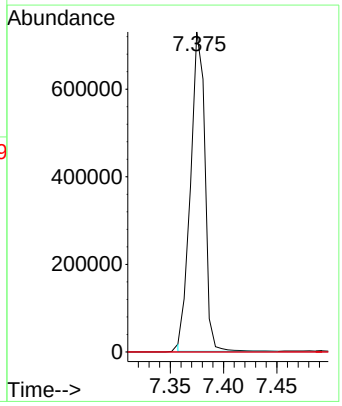


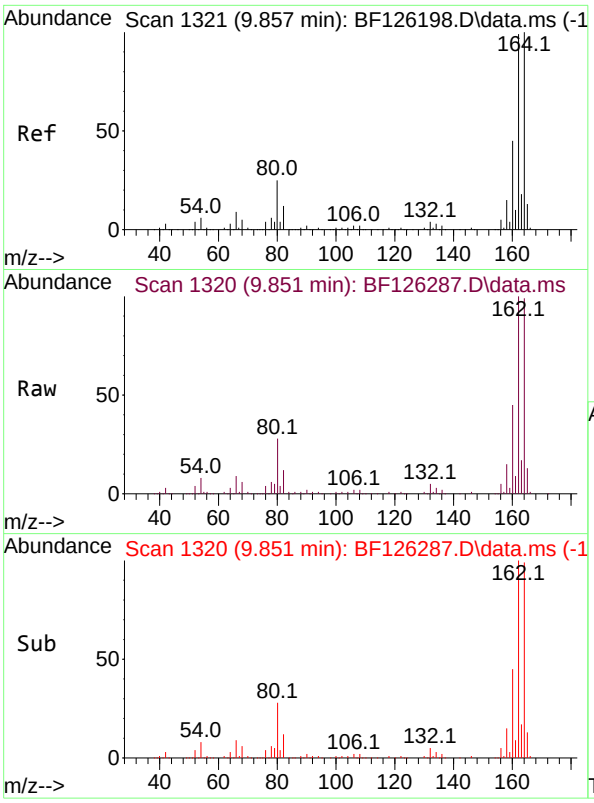


#25
Isophorone
Concen: 40.661 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion: 82 Resp: 688290

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



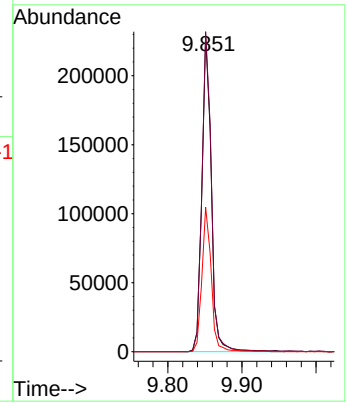


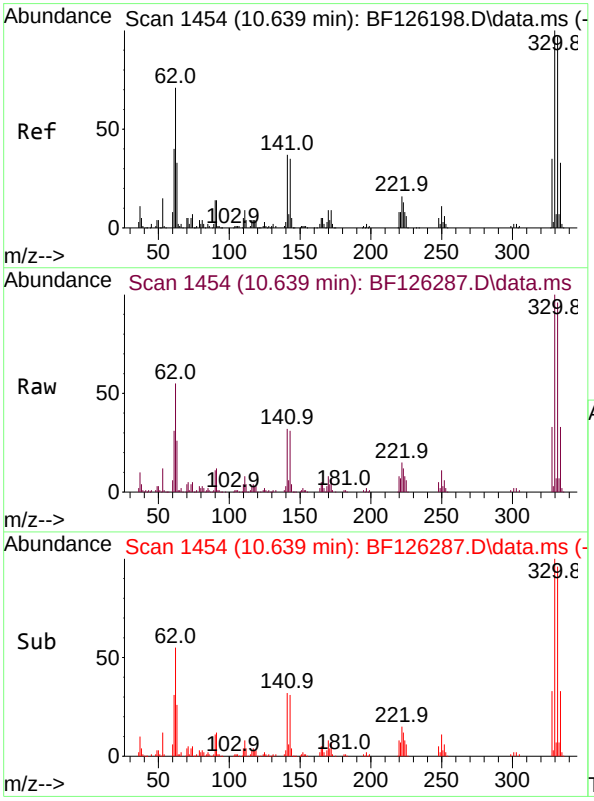
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:164 Resp: 201740

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	45.7	38.0	57.0

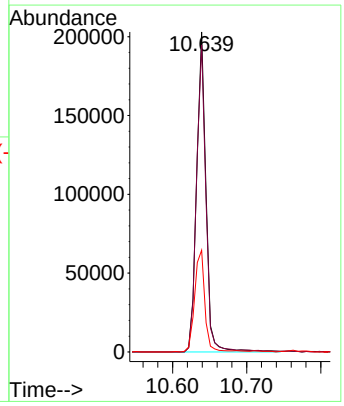


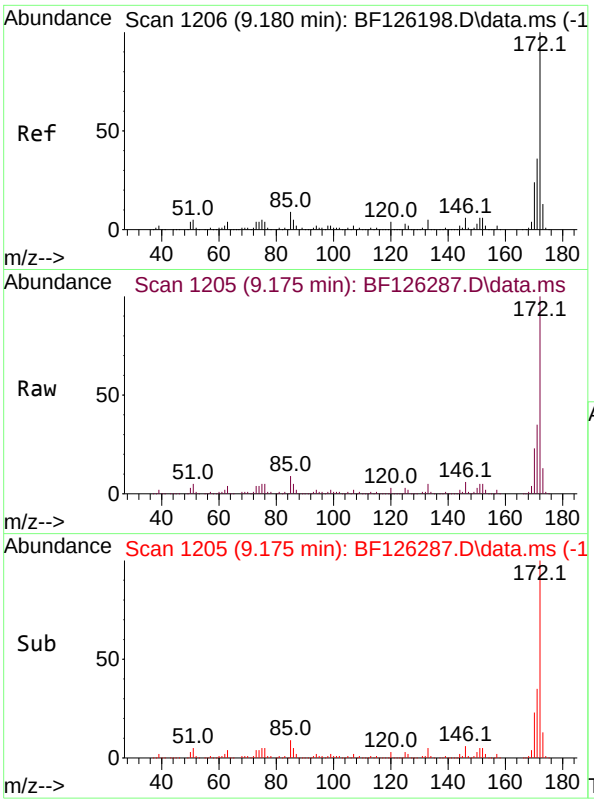


#42
2,4,6-Tribromophenol
Concen: 109.870 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:330 Resp: 178129

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	35.1	44.6	66.8#



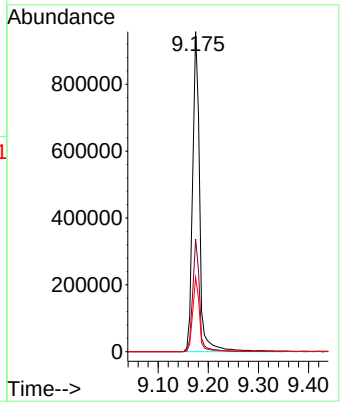


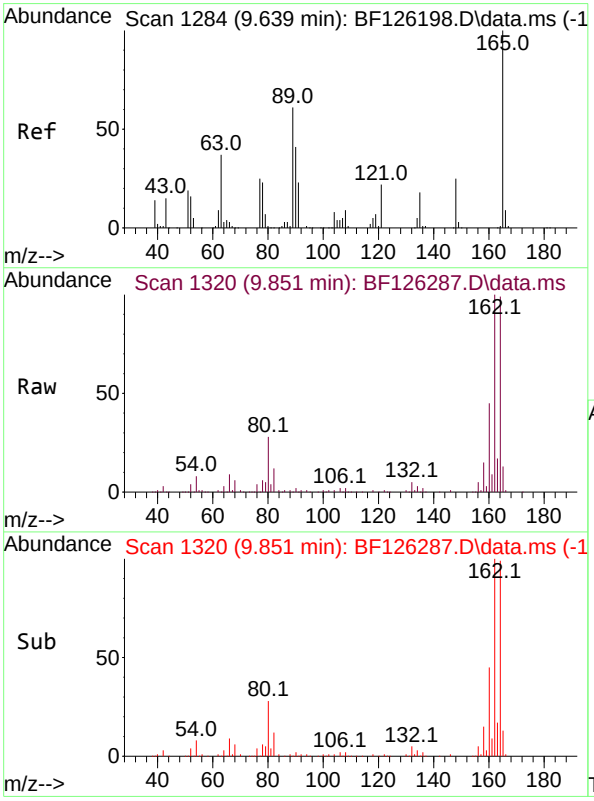
#45
2-Fluorobiphenyl
Concen: 81.369 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:172 Resp: 935952

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.5	39.7
170	23.3	18.8	28.2

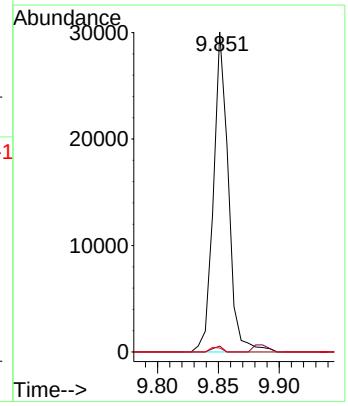


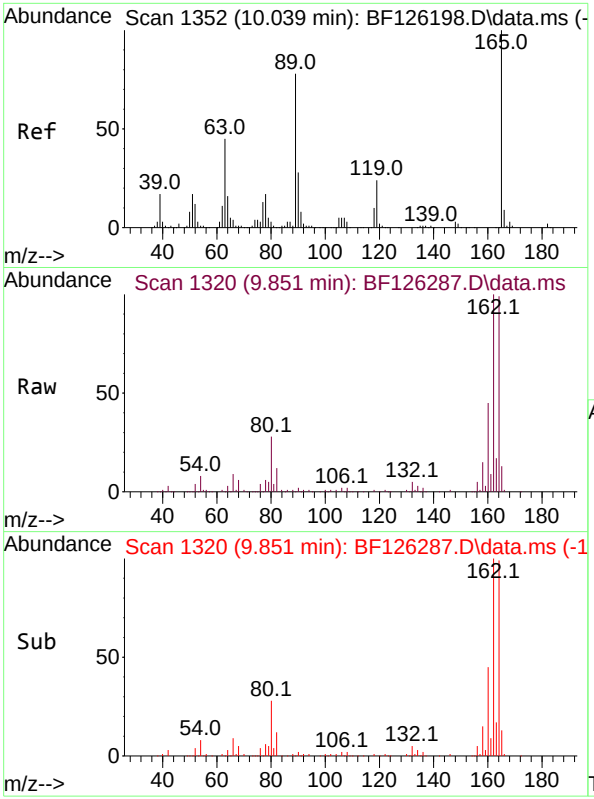


#51
2,6-Dinitrotoluene
Concen: 9.227 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:165 Resp: 25522

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.6	63.8#
89	1.2	40.6	60.8#



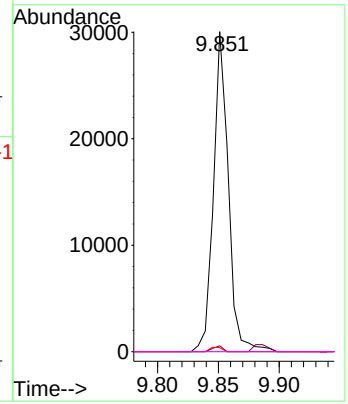


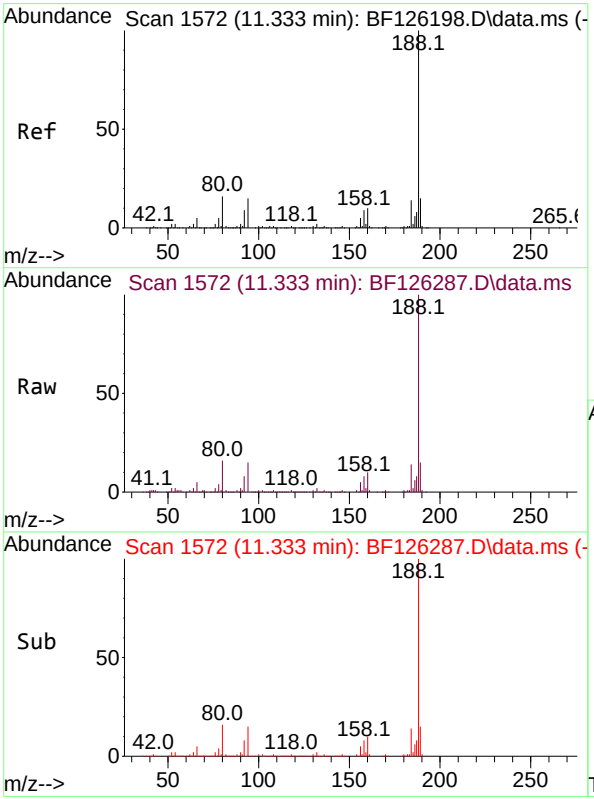
#57
2,4-Dinitrotoluene
Concen: 7.233 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.188 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:165 Resp: 25522

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.9	61.3#
89	1.2	59.7	89.5#
182	0.0	0.0	0.0

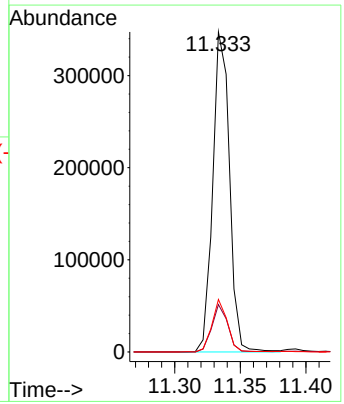


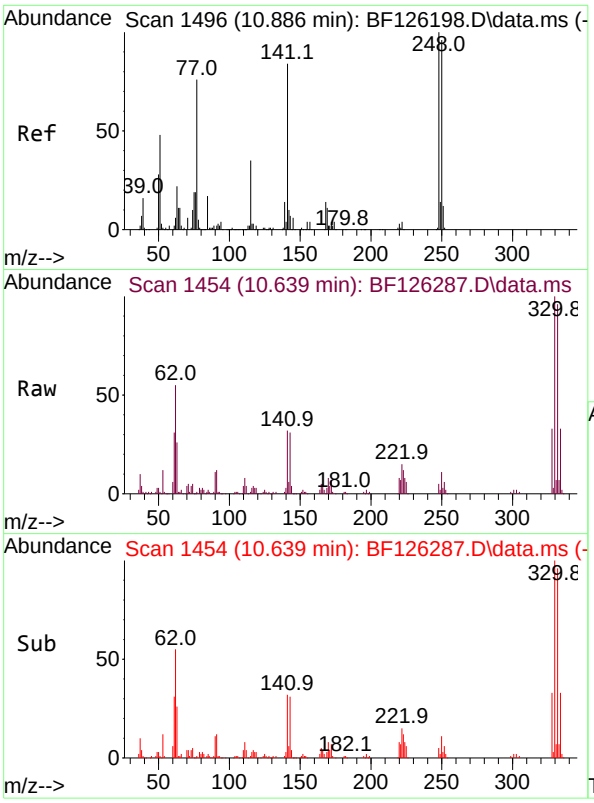


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:188 Resp: 308311

Ion	Ratio	Lower	Upper
188	100		
94	14.8	6.7	10.1#
80	16.4	7.5	11.3#



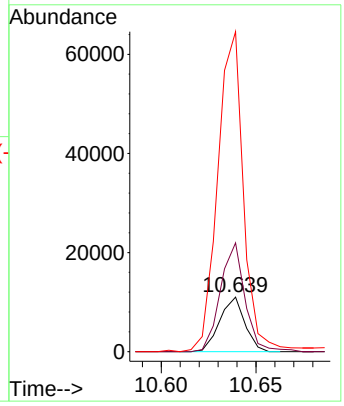


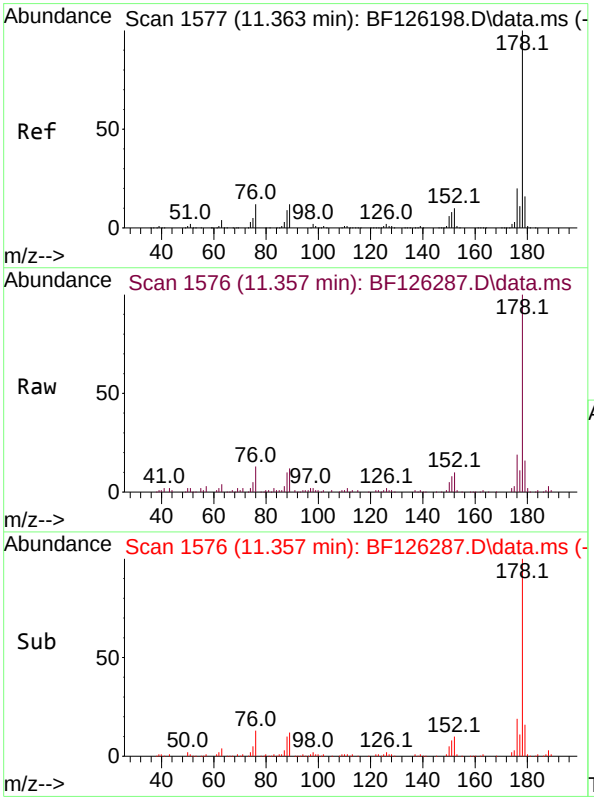
#67
4-Bromophenyl-phenylether
Concen: 3.496 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:248 Resp: 10117

Ion	Ratio	Lower	Upper
248	100		
250	199.5	74.2	111.4#
141	587.0	60.4	90.6#

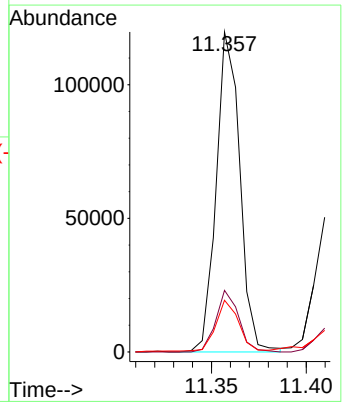


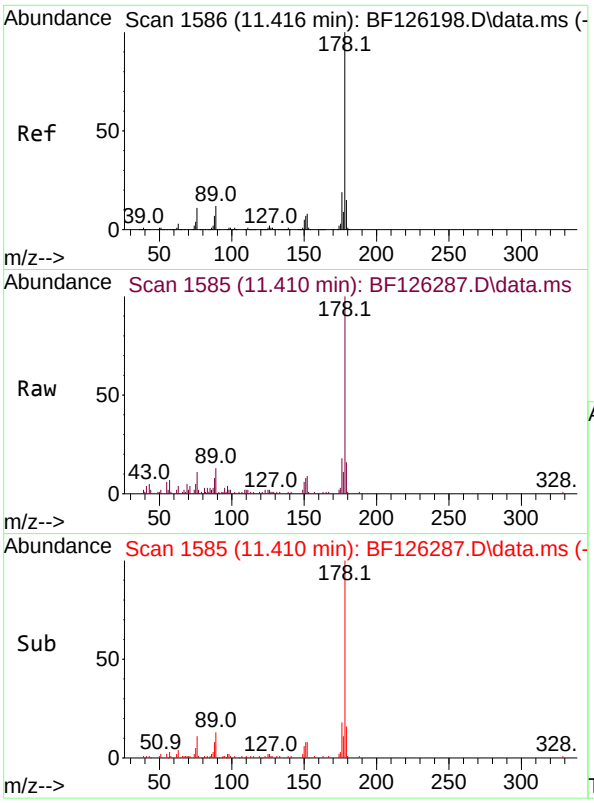


#71
Phenanthrene
Concen: 6.530 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:178 Resp: 103918

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	16.2	11.5	17.3



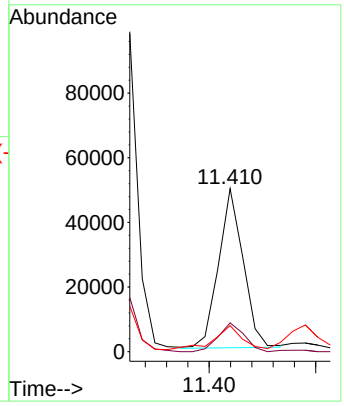


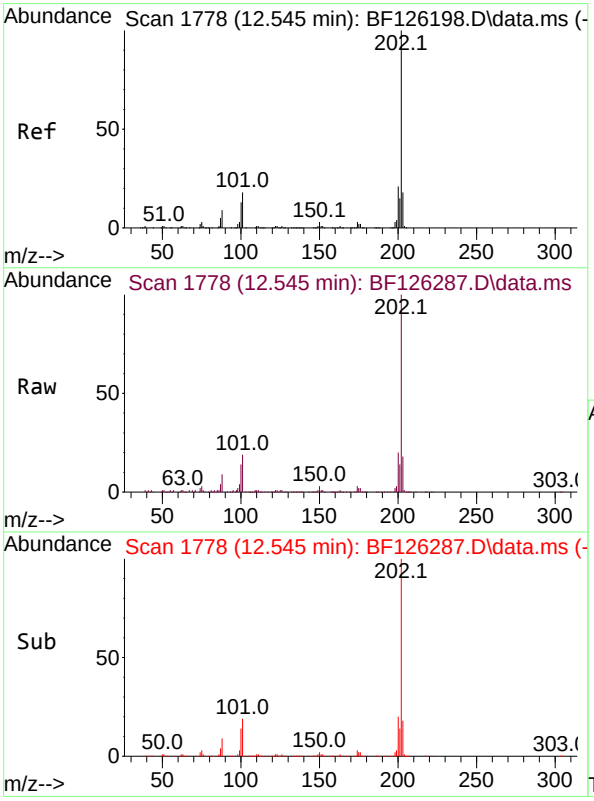
#72
Anthracene
Concen: 2.486 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:178 Resp: 39705

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	16.0	12.2	18.4

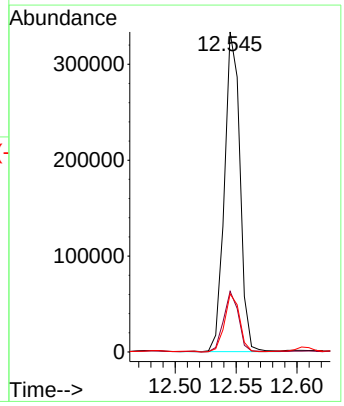


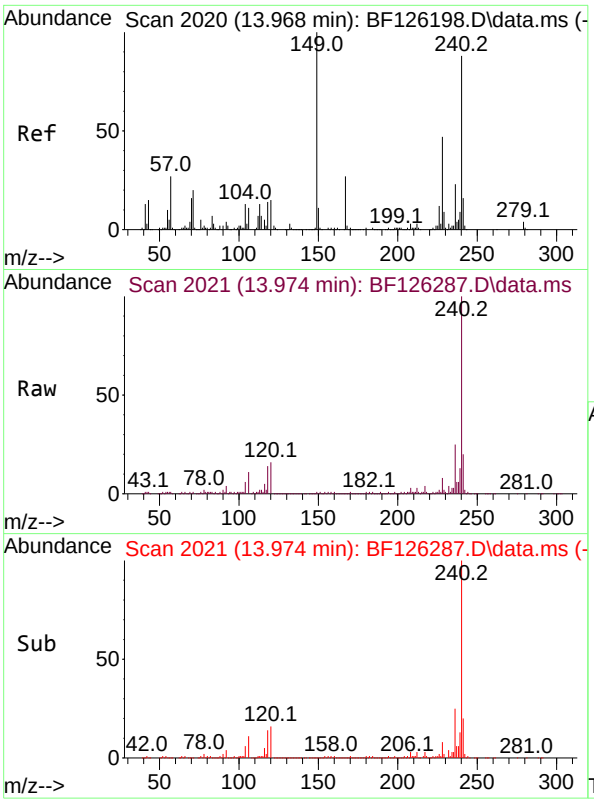


#75
Fluoranthene
Concen: 20.589 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:202 Resp: 295194

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	30.7
203	18.1	0.0	36.3



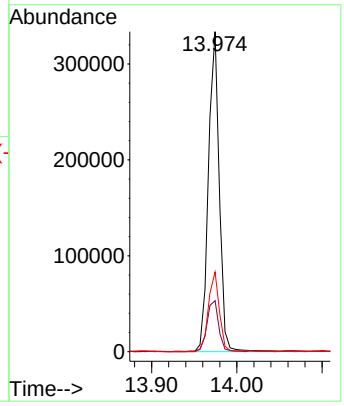


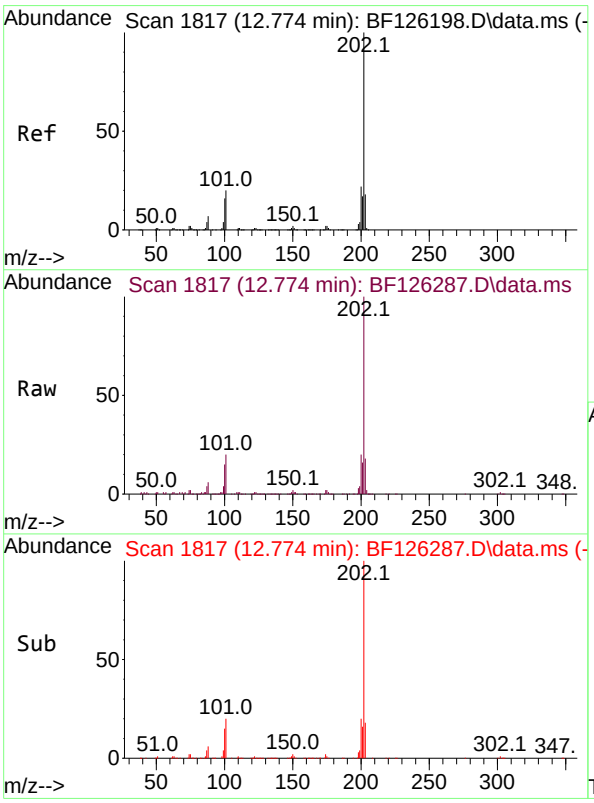
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:240 Resp: 294894

Ion	Ratio	Lower	Upper
240	100		
120	15.9	10.8	16.2
236	24.9	21.6	32.4

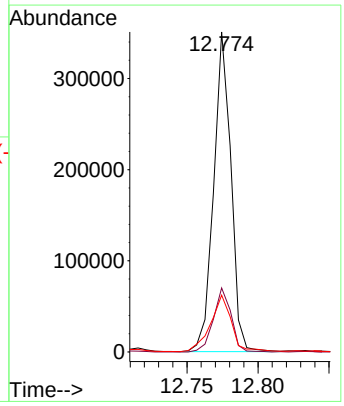


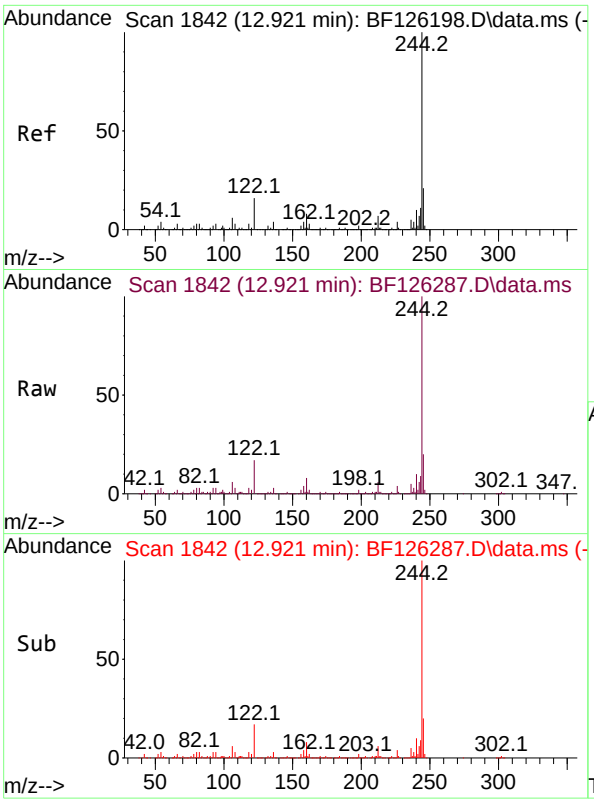


#78
Pyrene
Concen: 10.915 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:202 Resp: 295715

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.3	22.9
203	17.7	13.4	20.0



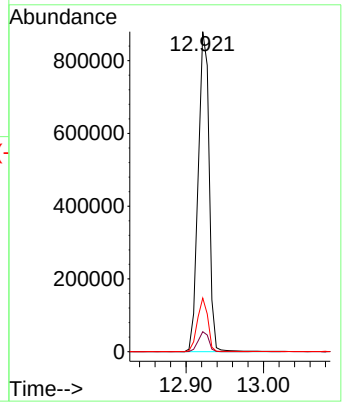


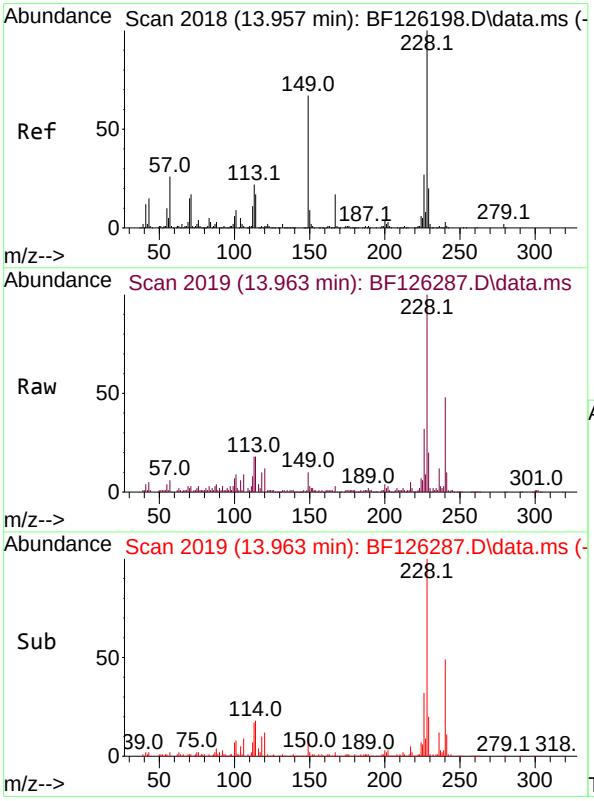
#79
Terphenyl-d14
Concen: 50.672 ng
RT: 12.921 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:244 Resp: 859717

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.9	8.9
122	16.7	9.0	13.4#

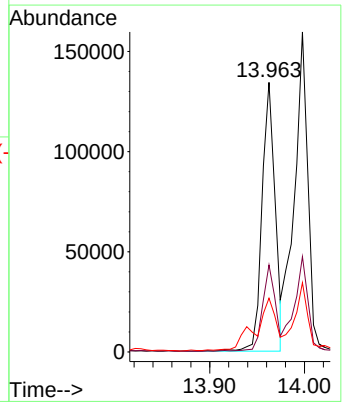


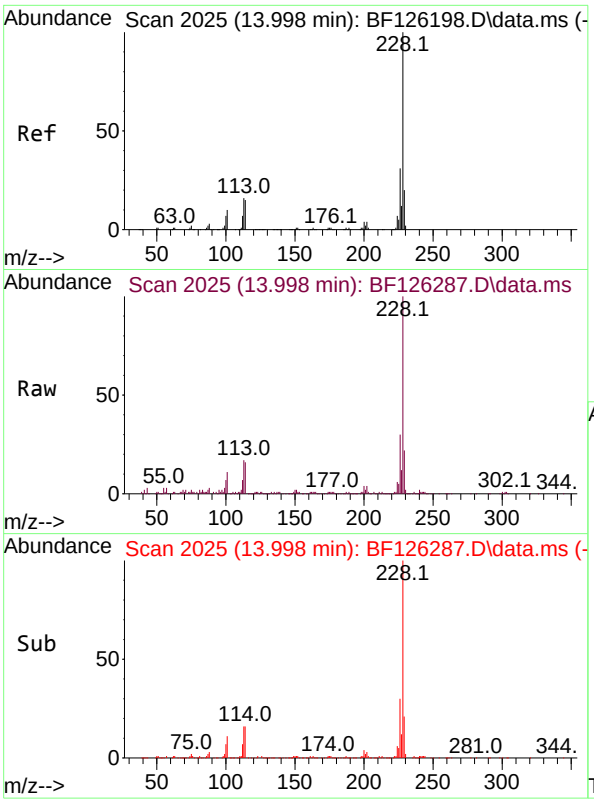


#81
Benzo(a)anthracene
Concen: 7.369 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:228 Resp: 128720

Ion	Ratio	Lower	Upper
228	100		
226	32.3	21.6	32.4
229	20.0	15.6	23.4



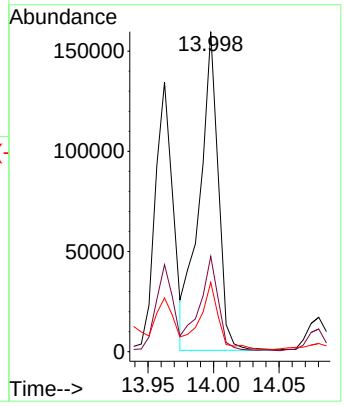


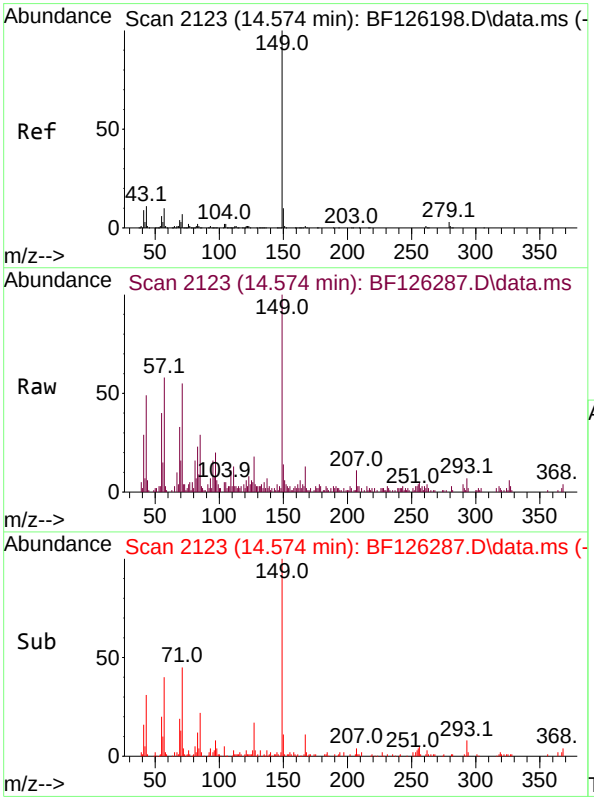
#83
Chrysene
Concen: 8.783 ng
RT: 13.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:228 Resp: 159411

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	21.7	15.9	23.9

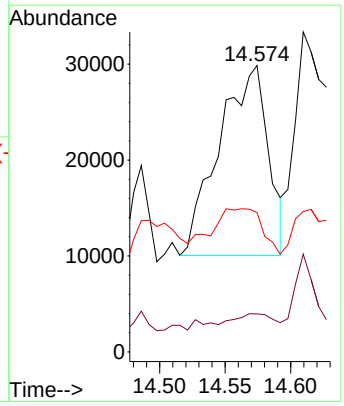


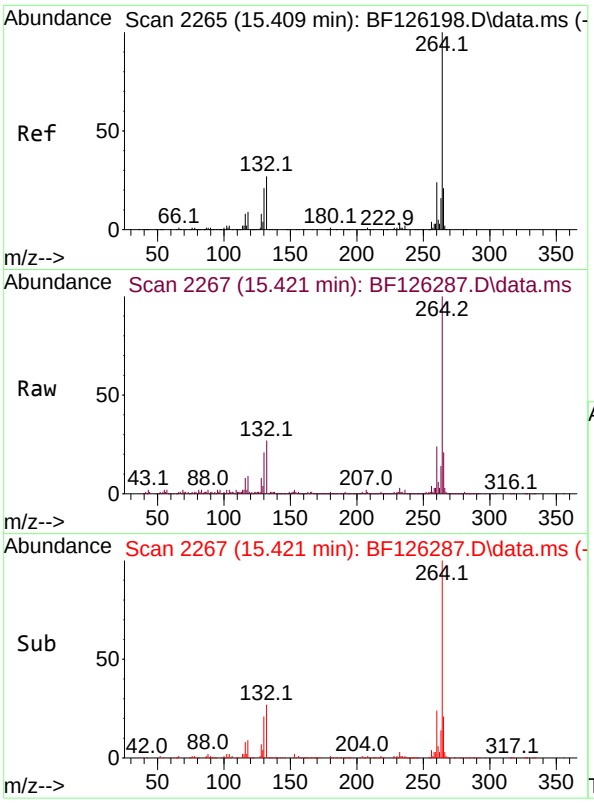


#85
Di-n-octyl phthalate
Concen: 2.035 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:149 Resp: 51675

Ion	Ratio	Lower	Upper
149	100		
167	5.4	1.0	1.6#
43	27.1	9.9	14.9#



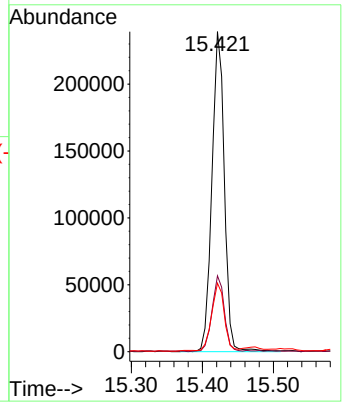


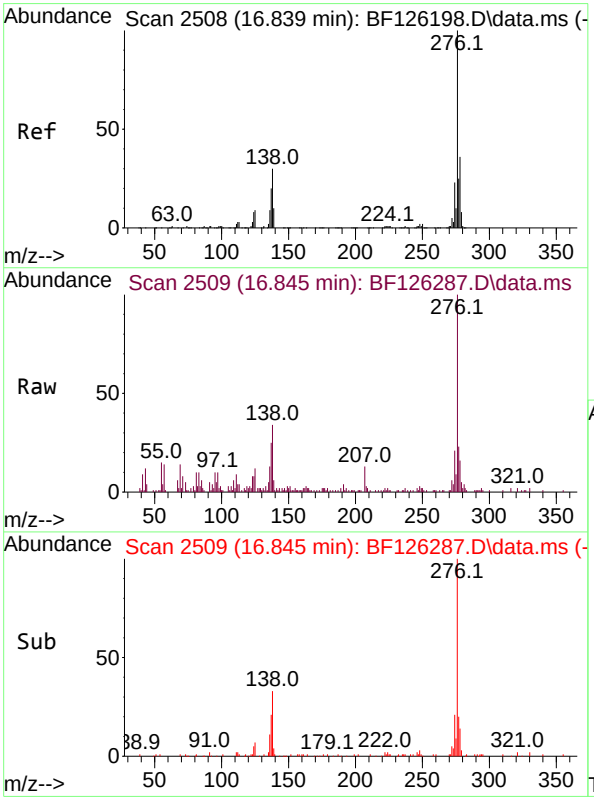
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:264 Resp: 291184

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.4	17.2	25.8

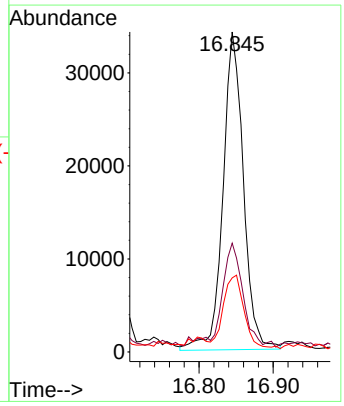


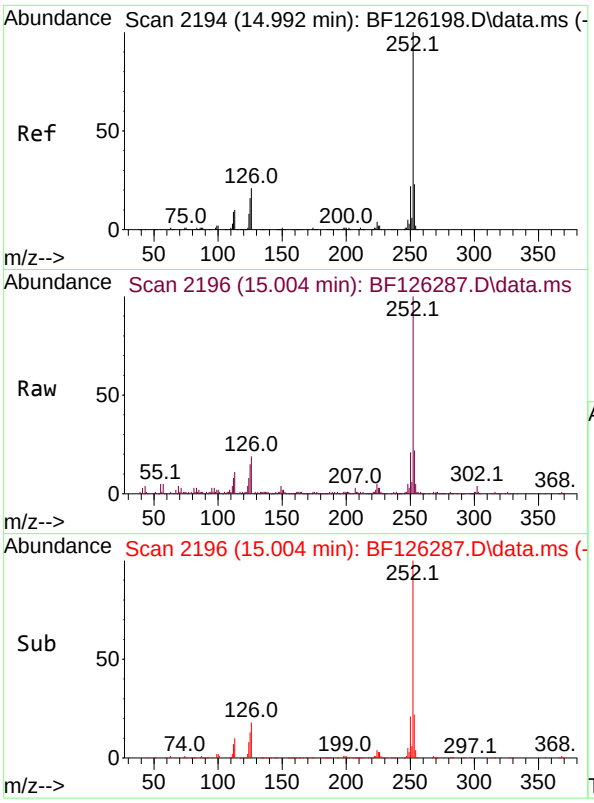


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.373 ng
RT: 16.845 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:276 Resp: 65503

Ion	Ratio	Lower	Upper
276	100		
138	34.8	24.1	36.1
277	24.0	18.8	28.2



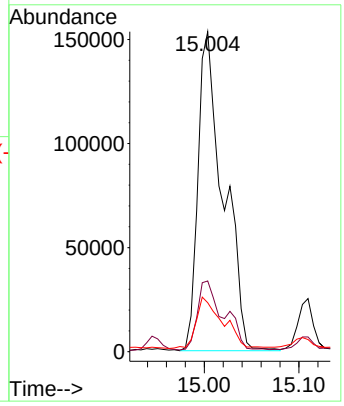


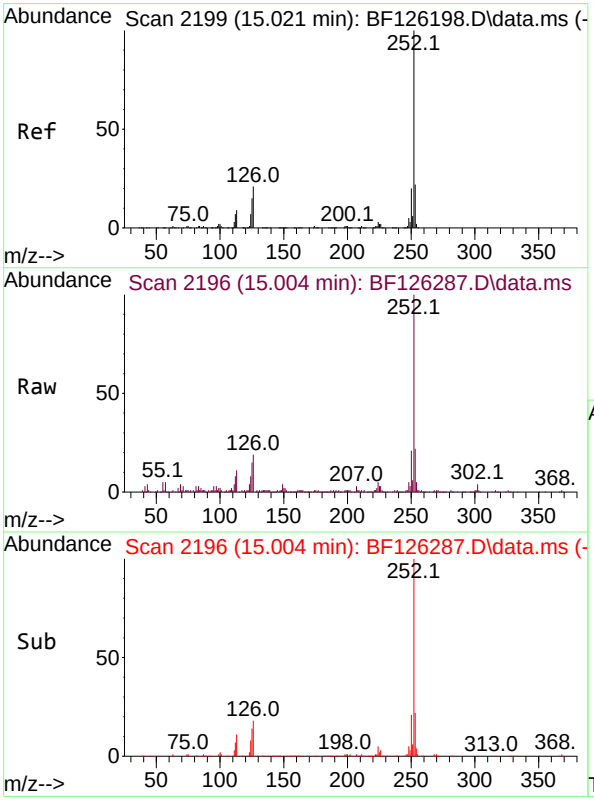
#88
Benzo(b)fluoranthene
Concen: 16.341 ng
RT: 15.004 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:252 Resp: 285897

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.8	25.2
125	15.3	9.8	14.8#

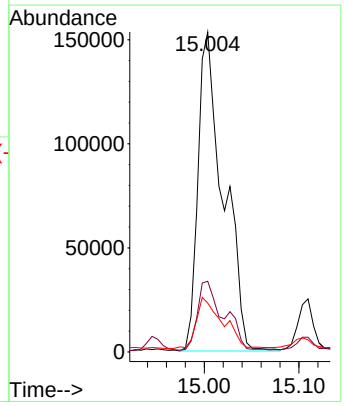


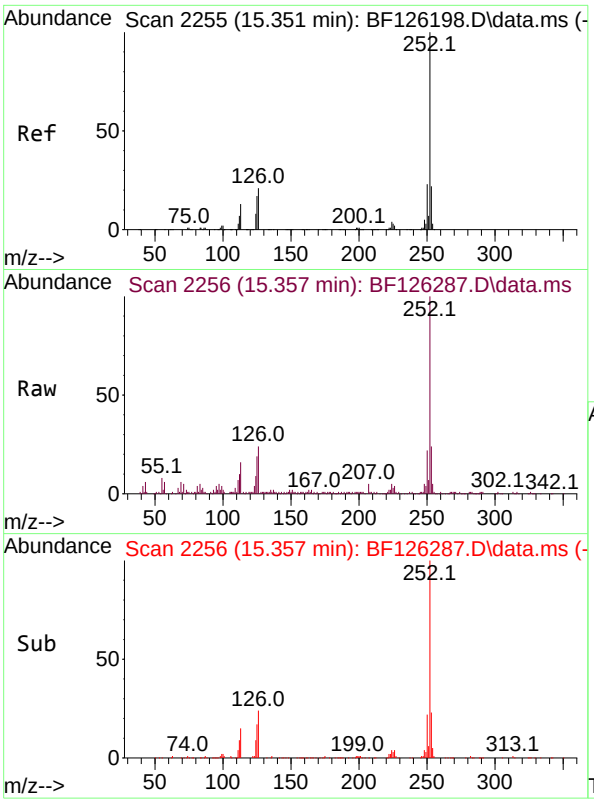


#89
Benzo(k)fluoranthene
Concen: 17.082 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.017 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:252 Resp: 285897

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	15.3	7.2	10.8#



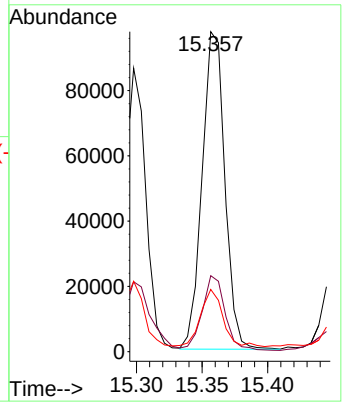


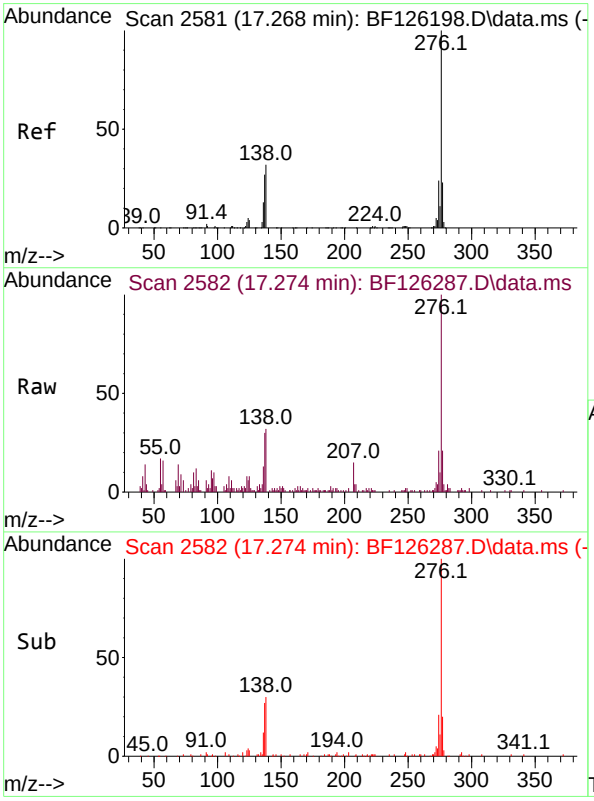
#90
Benzo(a)pyrene
Concen: 8.092 ng
RT: 15.357 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:252 Resp: 117662

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	19.5	9.9	14.9#





#92
Benzo(g,h,i)perylene
Concen: 3.762 ng
RT: 17.274 min Scan# 2582
Delta R.T. 0.006 min
Lab File: BF126287.D
Acq: 20 Dec 2021 19:49

Tgt Ion:276 Resp: 61461

Ion	Ratio	Lower	Upper
276	100		
277	21.3	22.0	33.0#
138	31.9	22.2	33.4