Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131861.D
Acq On : 28 Dec 2022 15:26
Operator : CG\JU
Sample : N6206-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Dec 29 00:55:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	65735	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	222454	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	127757	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	216984	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	118967	20.000	ng	-0.01
86) Perylene-d12	15.510	264	132004	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	242173	61.053	ng	-0.01
7) Phenol-d6	6.451	99	187869	36.050	ng	-0.02
23) Nitrobenzene-d5	7.398	82	517973	92.965	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	194502	140.123	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	856413	91.819	ng	0.00
79) Terphenyl-d14	12.974	244	638555	90.792	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.139	128	451860	37.090	ng	# 92
37) 2-Methylnaphthalene	8.851	142	1425577	174.352	ng	99
38) 1-Methylnaphthalene	8.951	142	1215362	153.029	ng	100
52) Acenaphthene	9.922	154	86022	11.829	ng	# 82
58) Fluorene	10.445	166	171436	18.743	ng	# 93
71) Phenanthrene	11.410	178	381927	32.008	ng	# 95
78) Pyrene	12.827	202	47594	4.773	ng	96

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

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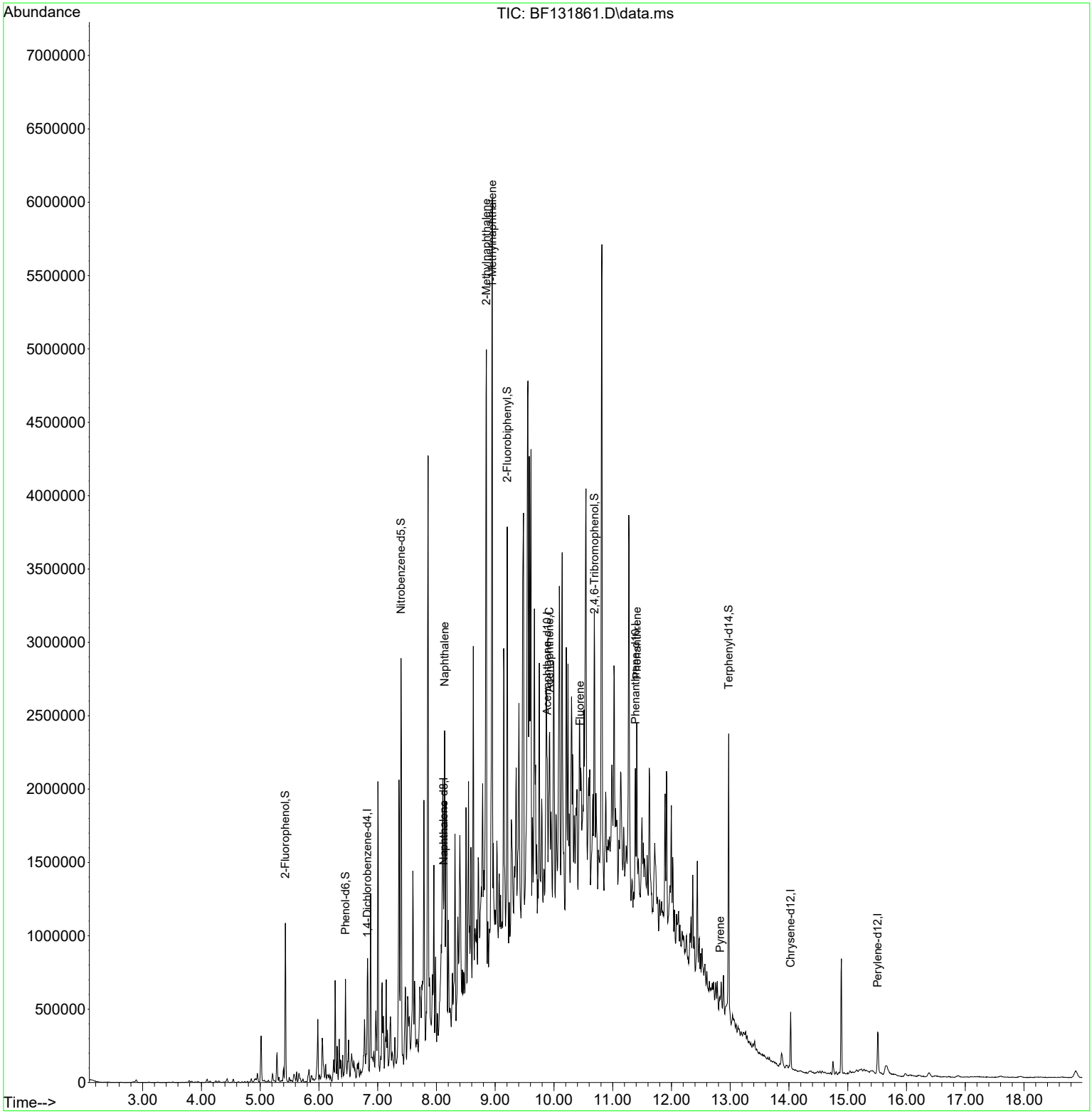
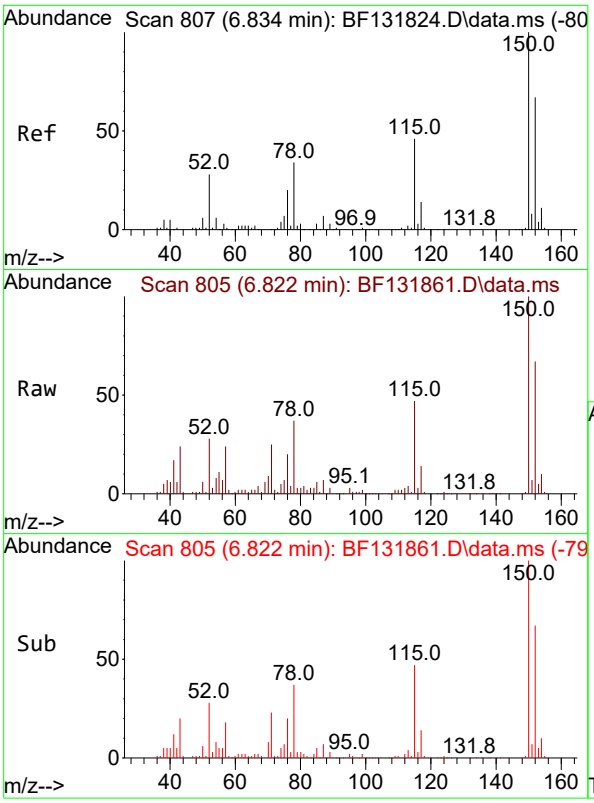


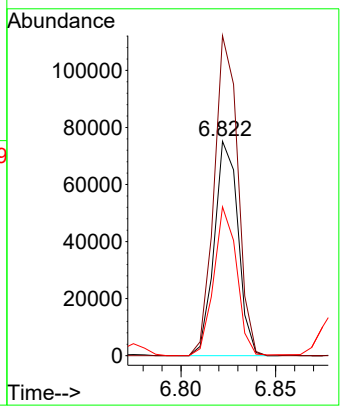


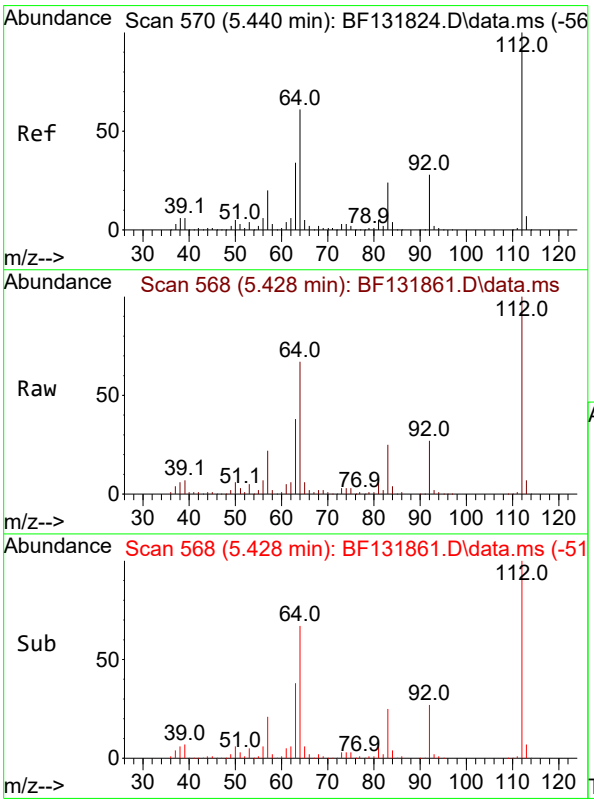
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 65735

Ion	Ratio	Lower	Upper
152	100		
150	149.3	120.0	180.0
115	69.4	55.1	82.7

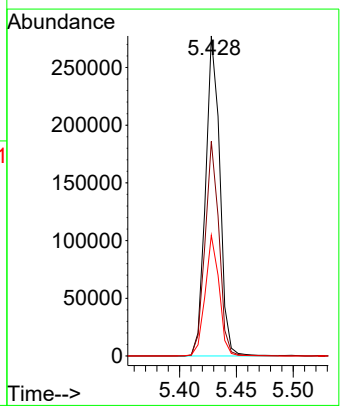


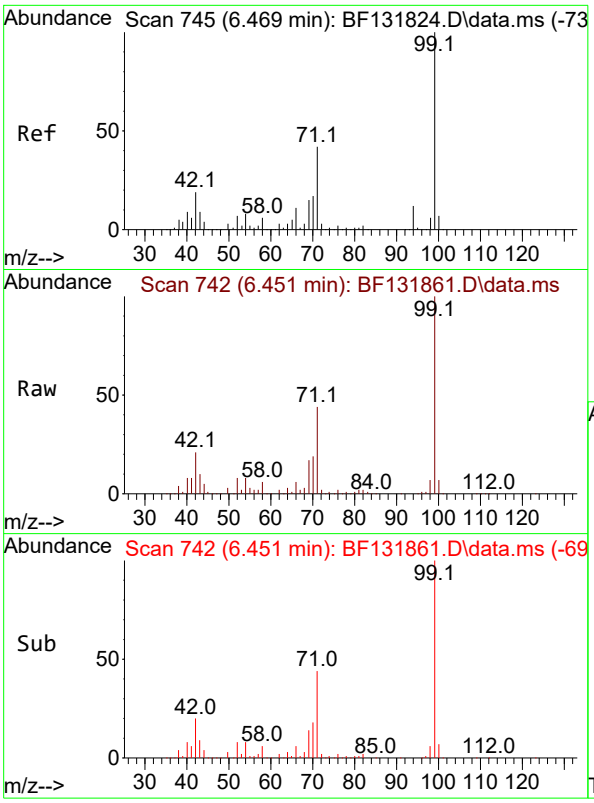


#5
2-Fluorophenol
Concen: 61.053 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:112 Resp: 242173

Ion	Ratio	Lower	Upper
112	100		
64	67.1	49.2	73.8
63	37.7	27.5	41.3



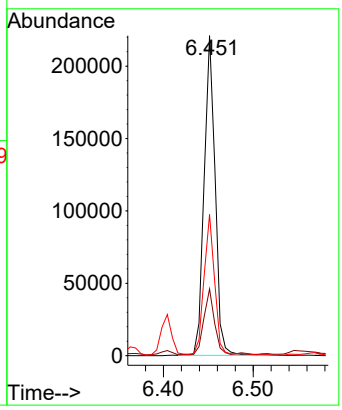


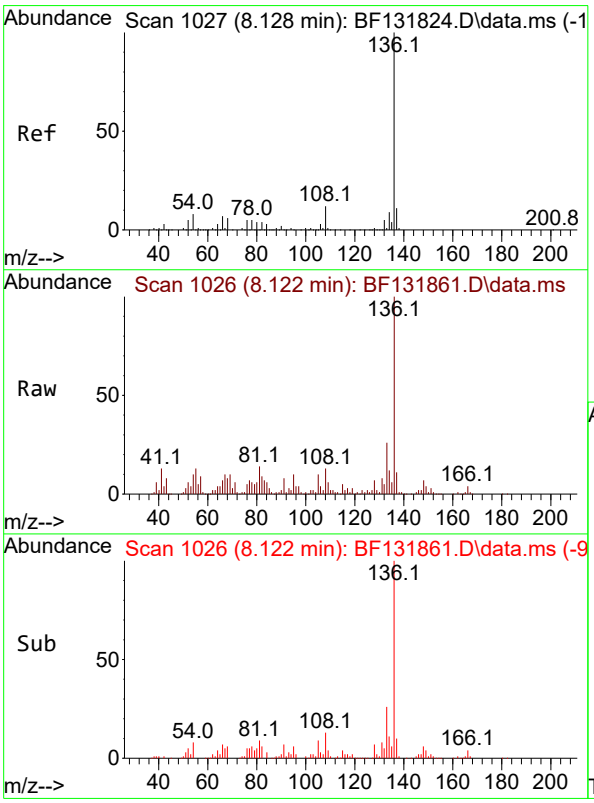
#7
Phenol-d6
Concen: 36.050 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 187869

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.3	22.9
71	44.1	33.5	50.3

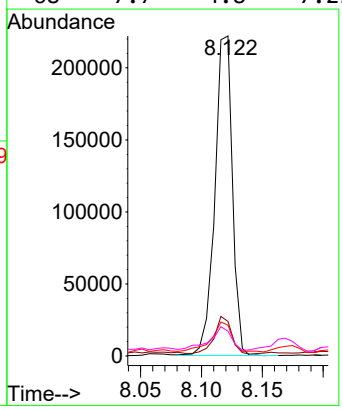


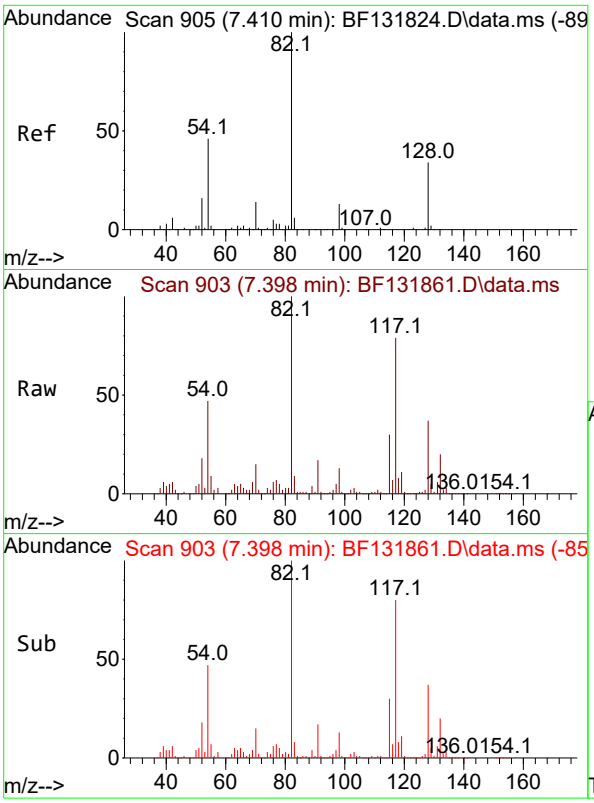


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:136 Resp: 222454

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.7	6.7	10.1
68	7.7	4.8	7.2#



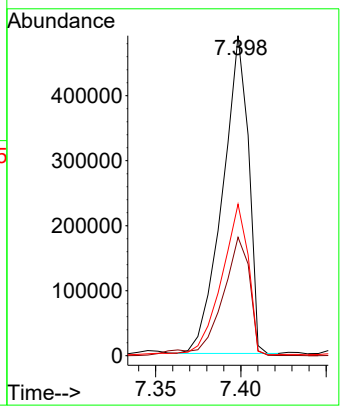


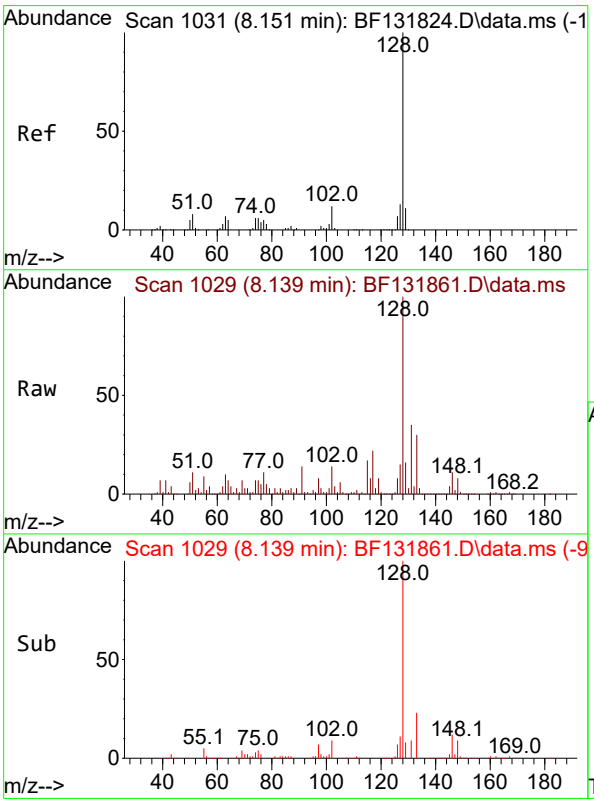
#23
Nitrobenzene-d5
Concen: 92.965 ng
RT: 7.398 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 517973

Ion	Ratio	Lower	Upper
82	100		
128	37.0	27.1	40.7
54	47.4	37.0	55.6

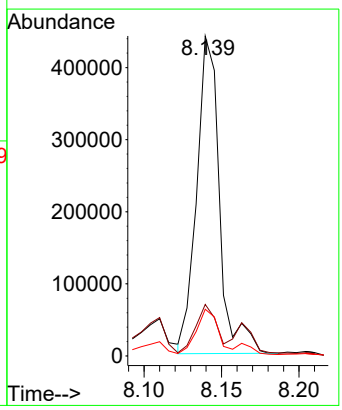


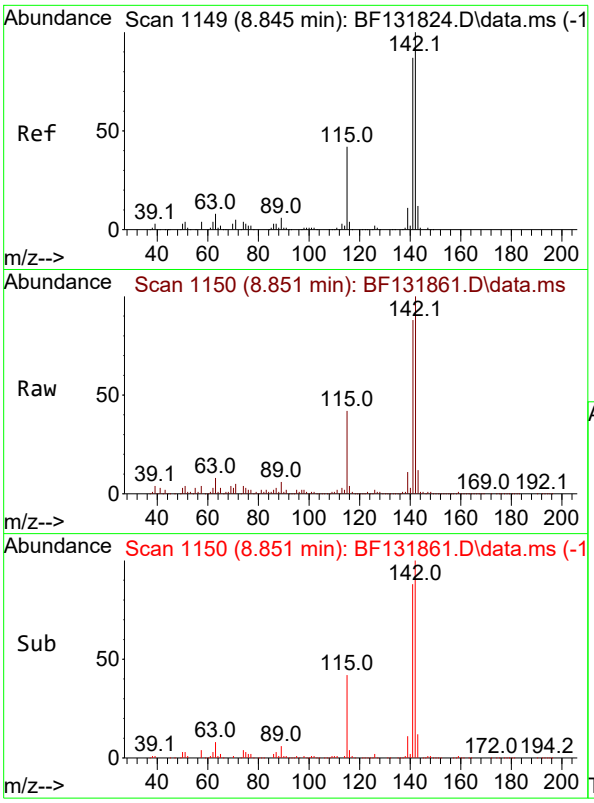


#31
Naphthalene
Concen: 37.090 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:128 Resp: 451860

Ion	Ratio	Lower	Upper
128	100		
129	16.1	8.6	13.0#
127	14.6	10.6	15.8



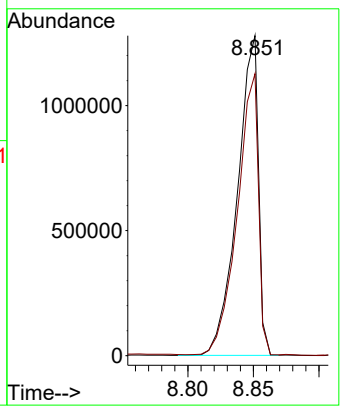


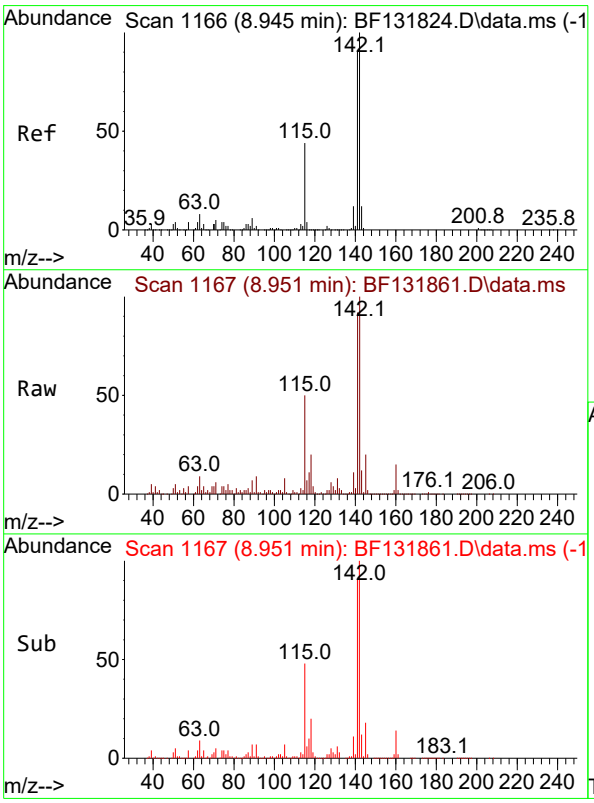
#37
2-Methylnaphthalene
Concen: 174.352 ng
RT: 8.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:142 Resp: 1425577

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.8

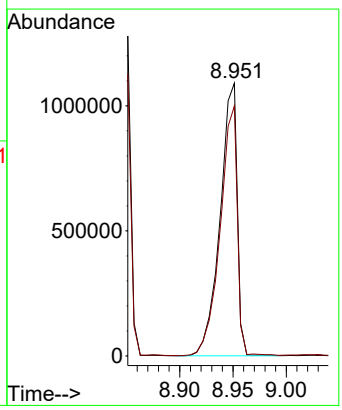


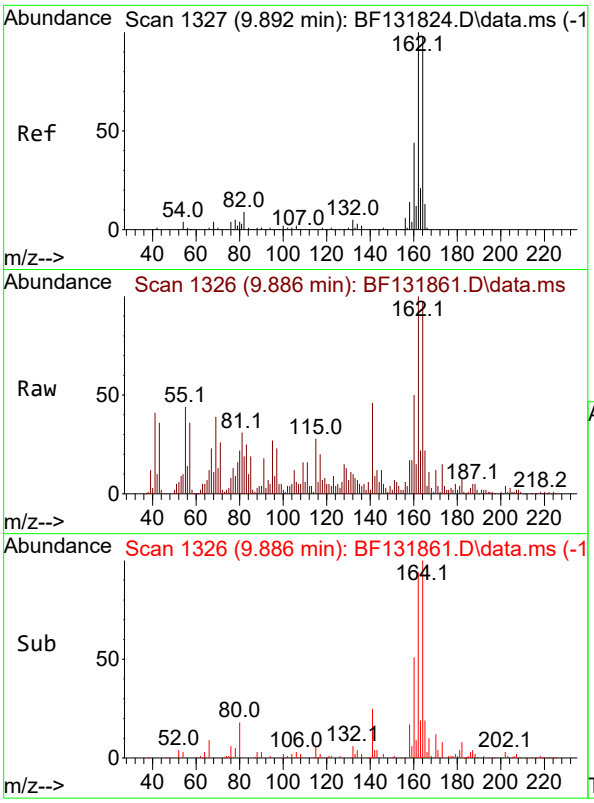


#38
1-Methylnaphthalene
Concen: 153.029 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:142 Resp: 1215362

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6



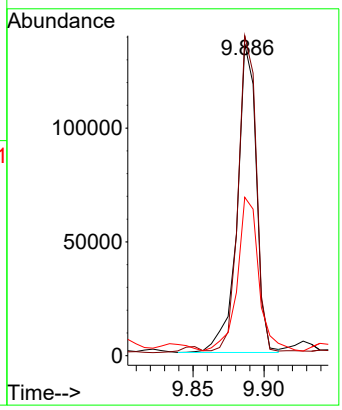


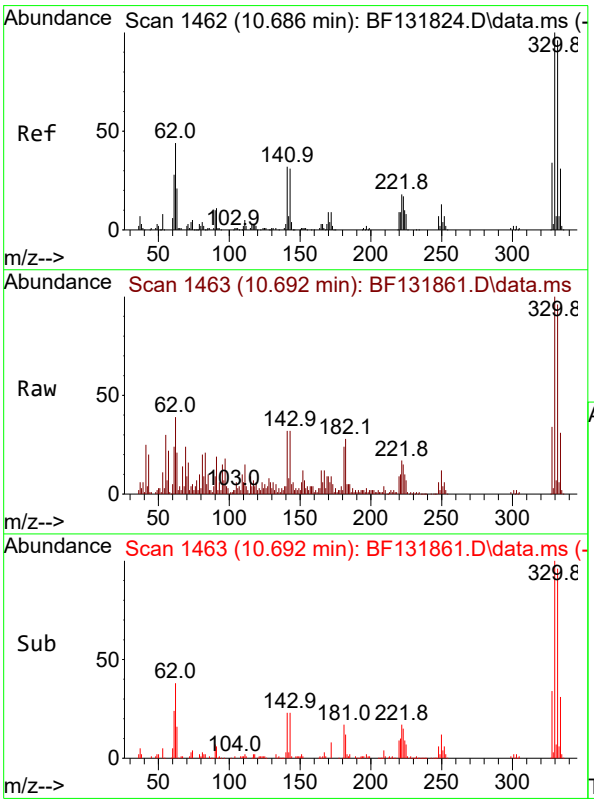
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 127757

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	50.8	35.7	53.5

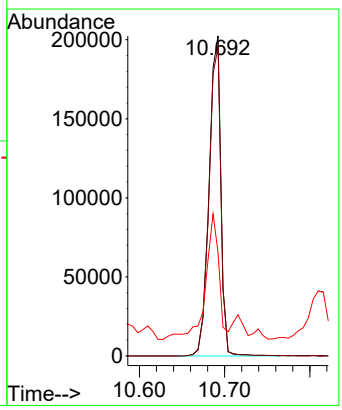


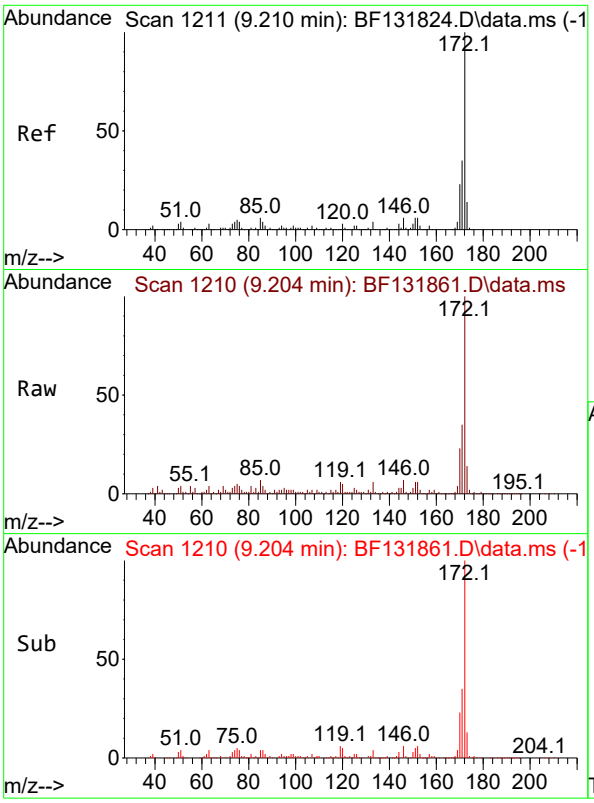


#42
2,4,6-Tribromophenol
Concen: 140.123 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:330 Resp: 194502

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.4
141	44.8	31.0	46.4



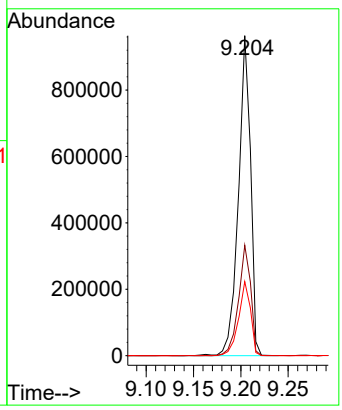


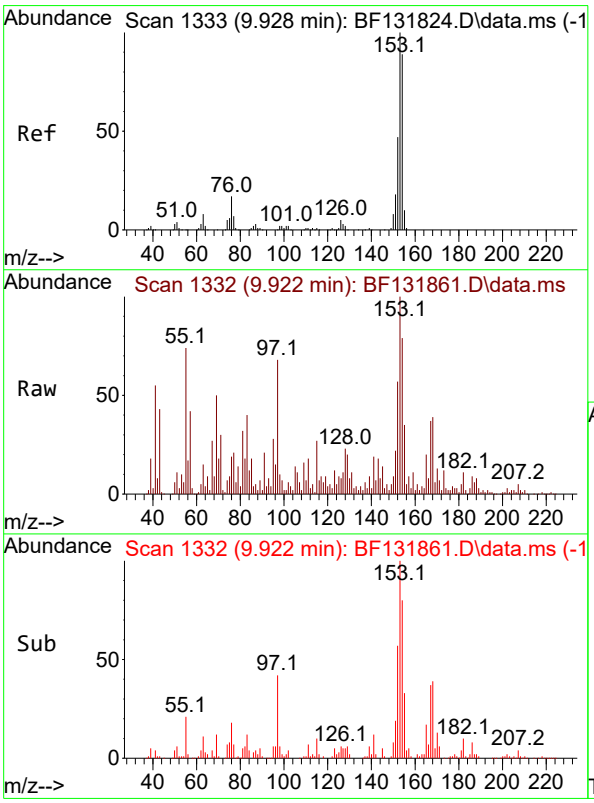
#45
2-Fluorobiphenyl
Concen: 91.819 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 856413

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.2	18.7	28.1

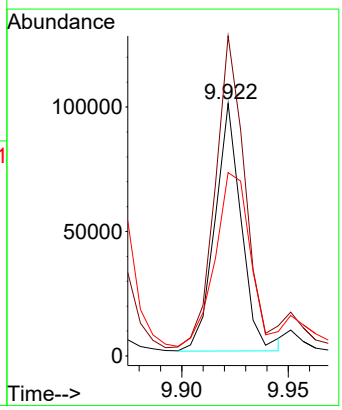


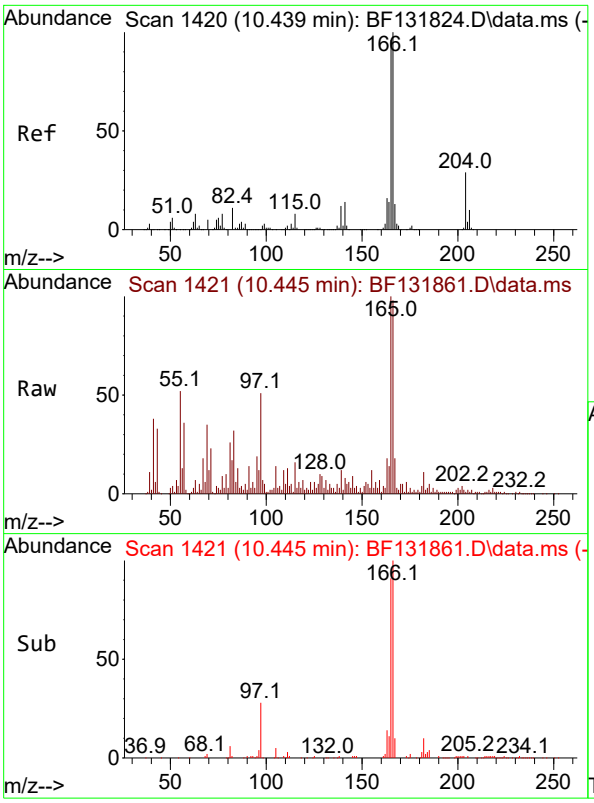


#52
Acenaphthene
Concen: 11.829 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:154 Resp: 86022

Ion	Ratio	Lower	Upper
154	100		
153	126.7	90.2	135.2
152	72.6	42.5	63.7#



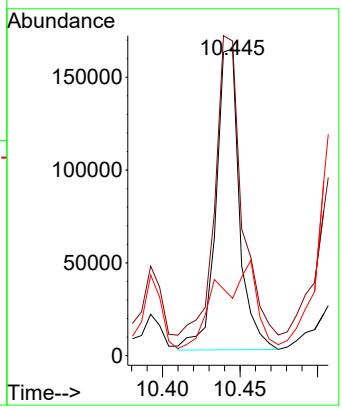


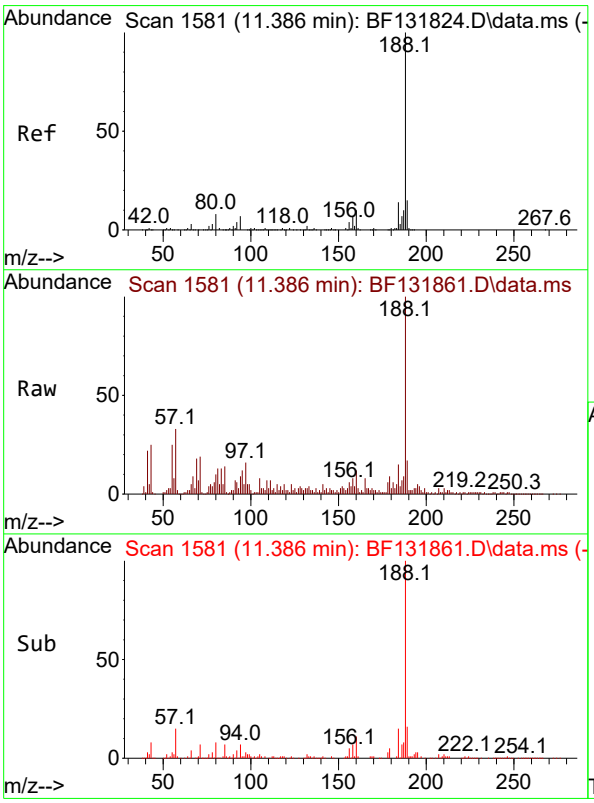
#58
Fluorene
Concen: 18.743 ng
RT: 10.445 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:166 Resp: 171436

Ion	Ratio	Lower	Upper
166	100		
165	102.6	77.0	115.4
167	18.7	10.4	15.6#

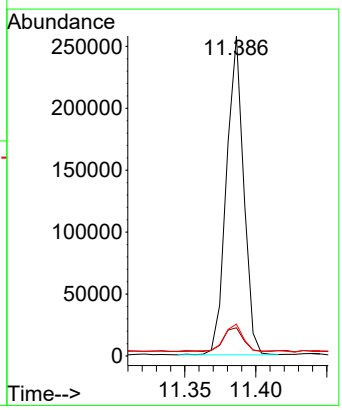


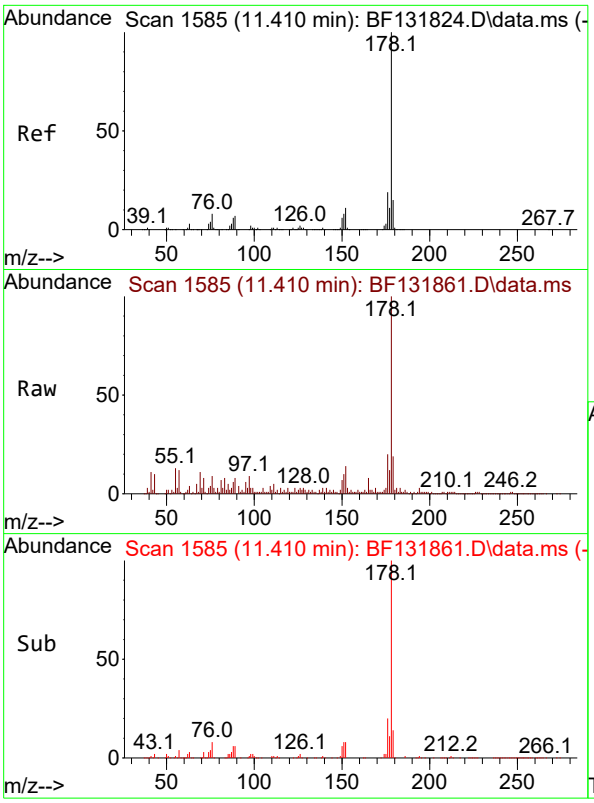


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:188 Resp: 216984

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.6#
80	9.9	6.7	10.1



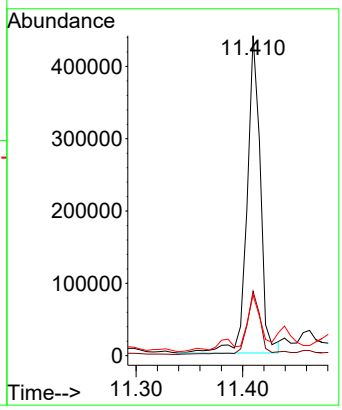


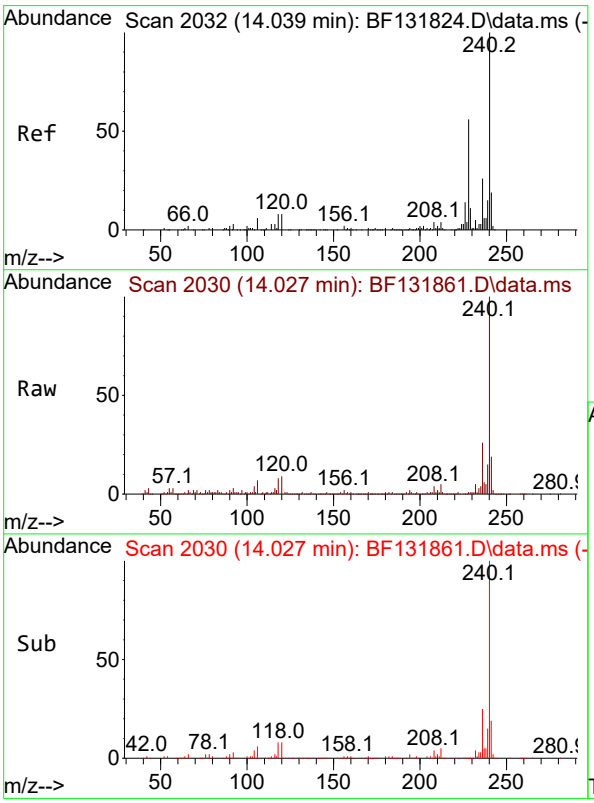
#71
Phenanthrene
Concen: 32.008 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:178 Resp: 381927

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	18.9	12.2	18.4#

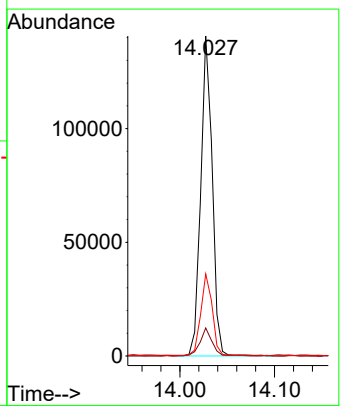


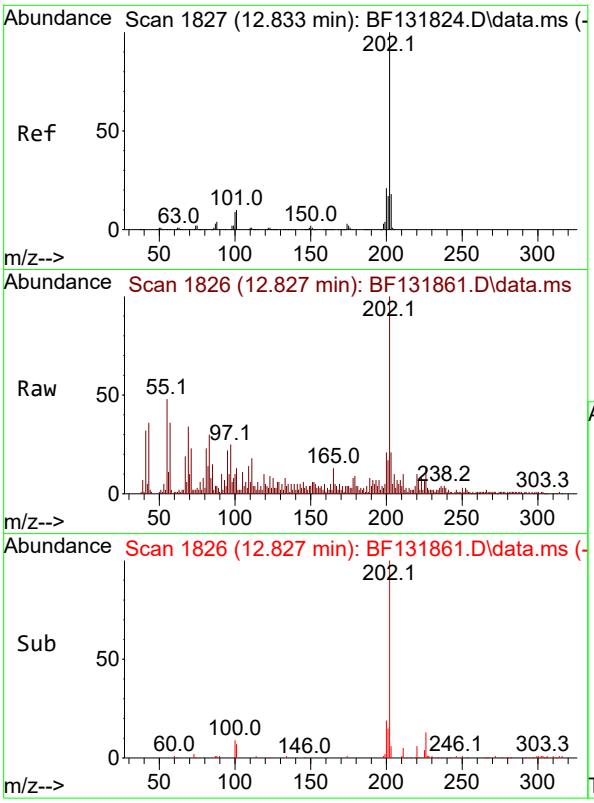


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:240 Resp: 118967

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	25.7	20.6	31.0



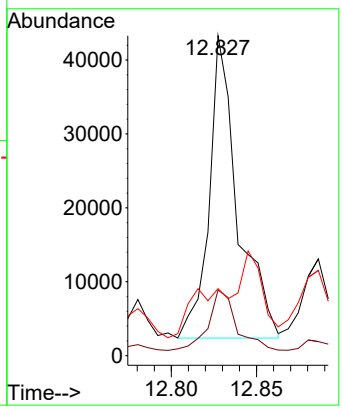


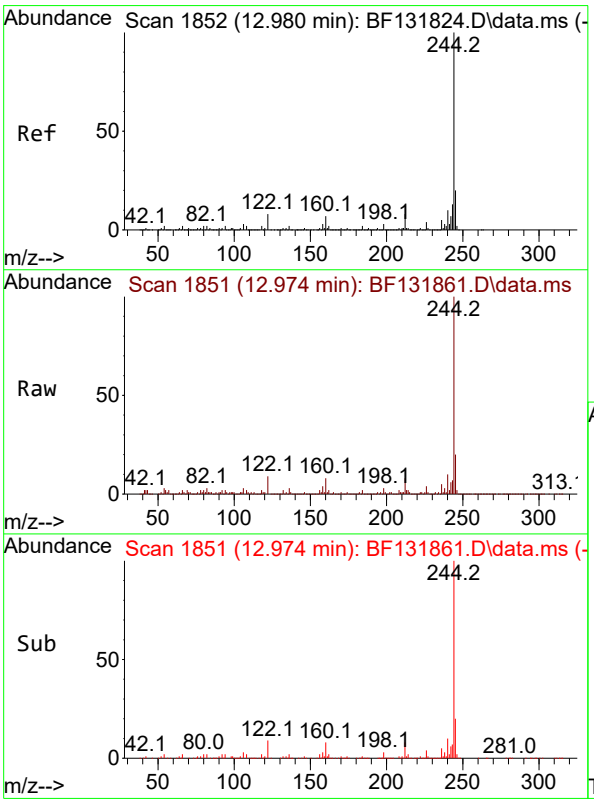
#78
Pyrene
Concen: 4.773 ng
RT: 12.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:202 Resp: 47594

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	21.0	14.4	21.6

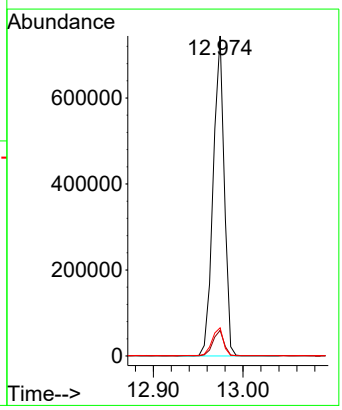


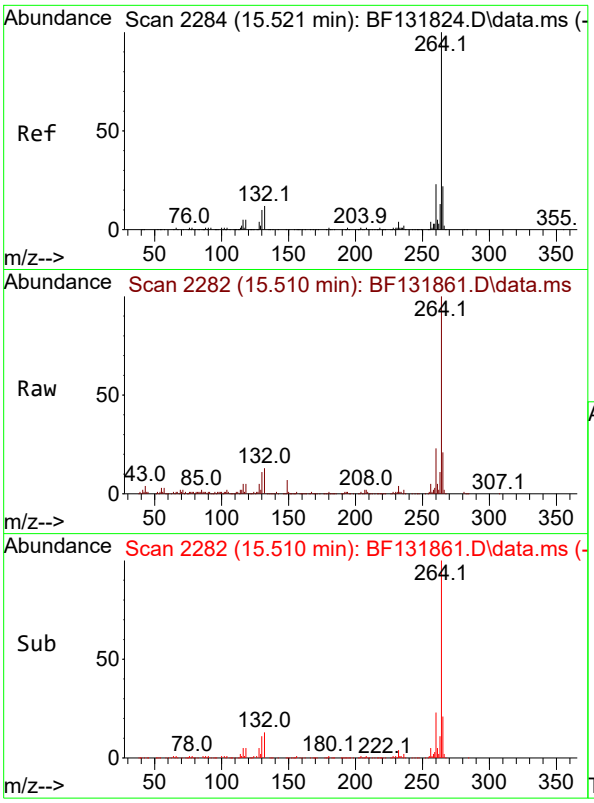


#79
Terphenyl-d14
Concen: 90.792 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Tgt Ion:244 Resp: 638555

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	8.8	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF131861.D
Acq: 28 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 132004

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	20.5	17.4	26.0