Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Quant Time: Nov 19 17:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	177890	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	622089	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	302712	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	451617	20.000	ng		0.00
76) Chrysene-d12	14.039	240	312203	20.000	ng		-0.01
86) Perylene-d12	15.527	264	248198	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	184500	17.708	ng		0.00
7) Phenol-d6	6.504	99	242962	17.212	ng		0.00
23) Nitrobenzene-d5	7.428	82	149062	12.485	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	43481	14.444	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	279540	14.845	ng		-0.01
79) Terphenyl-d14	12.980	244	209570	11.652	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.863	142	129113	6.381	ng		100
38) 1-Methylnaphthalene	8.963	142	85100	4.295	ng		98
71) Phenanthrene	11.422	178	75989	3.582	ng	#	96
75) Fluoranthene	12.610	202	49053	2.061	ng		94
78) Pyrene	12.845	202	55903	2.093	ng		97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Quant Time: Nov 19 17:00:33 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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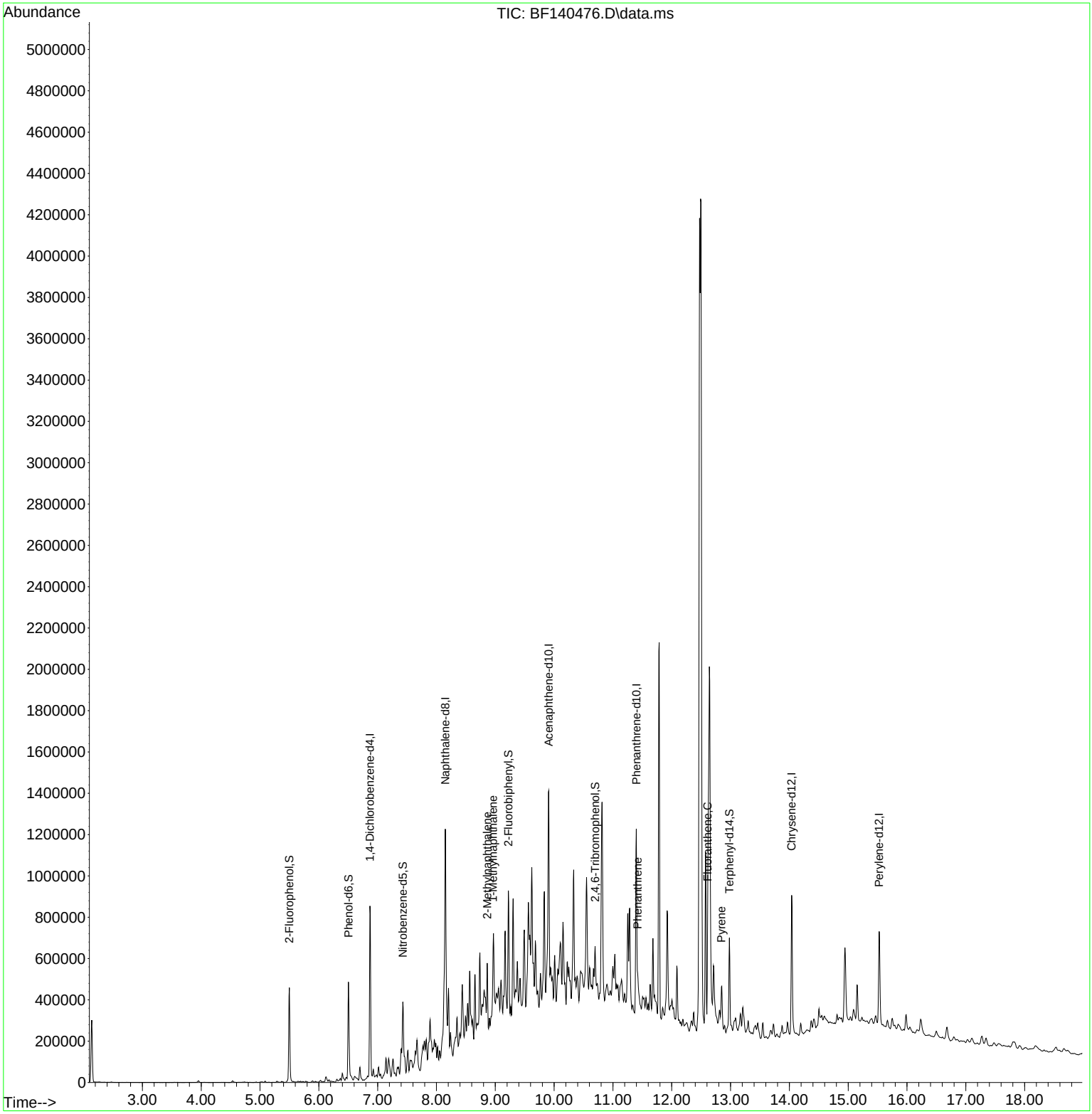
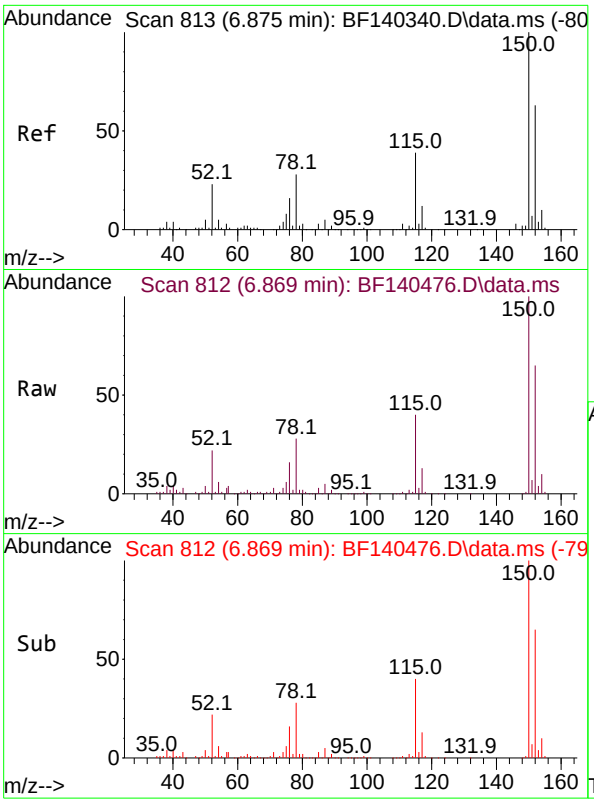


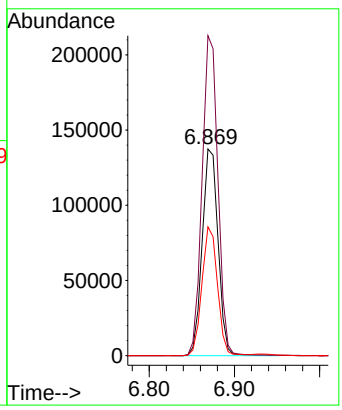


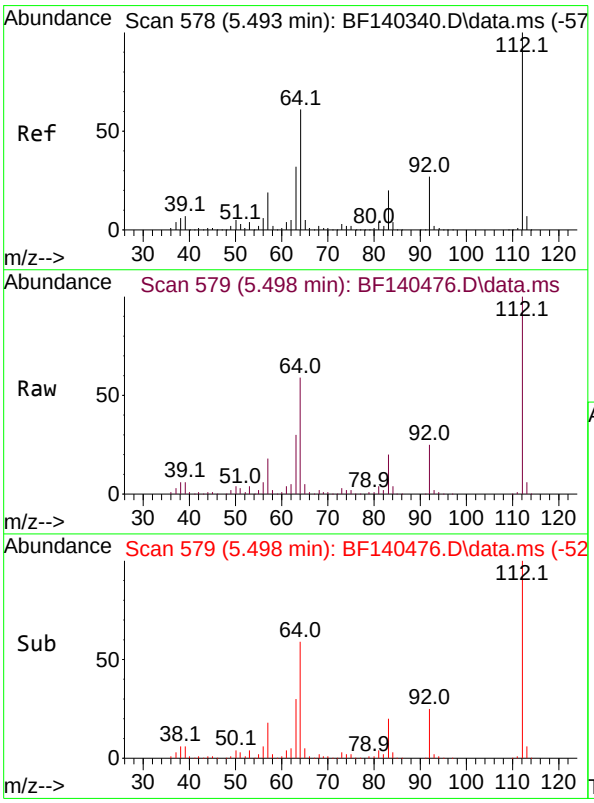
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion:152 Resp: 177890

Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	62.3	47.4	71.2

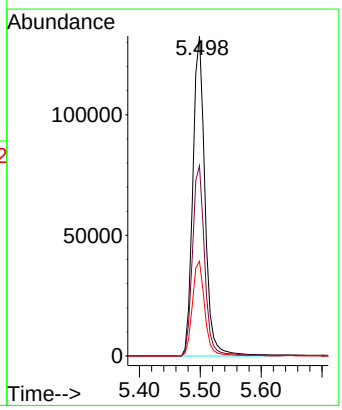


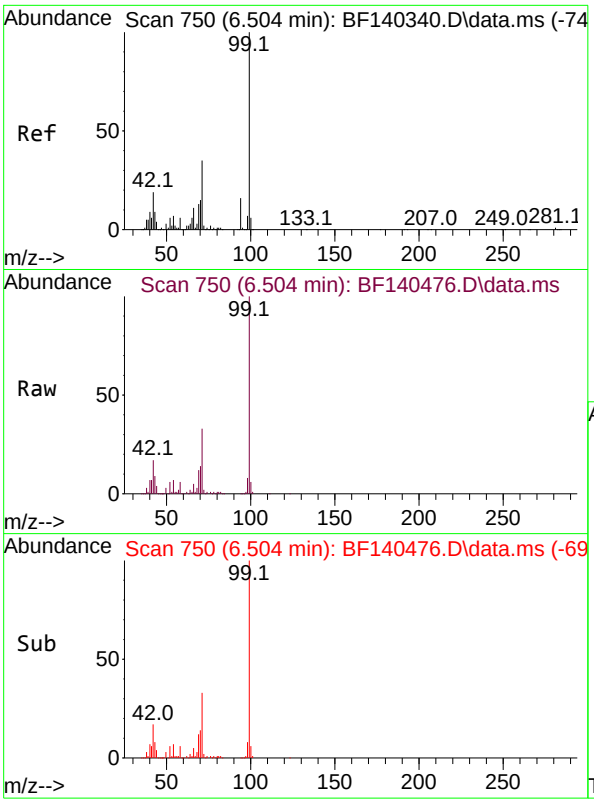


#5
2-Fluorophenol
Concen: 17.708 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:112 Resp: 184500

Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.2	73.8
63	29.6	25.6	38.4



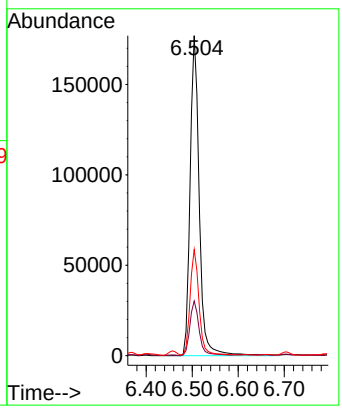


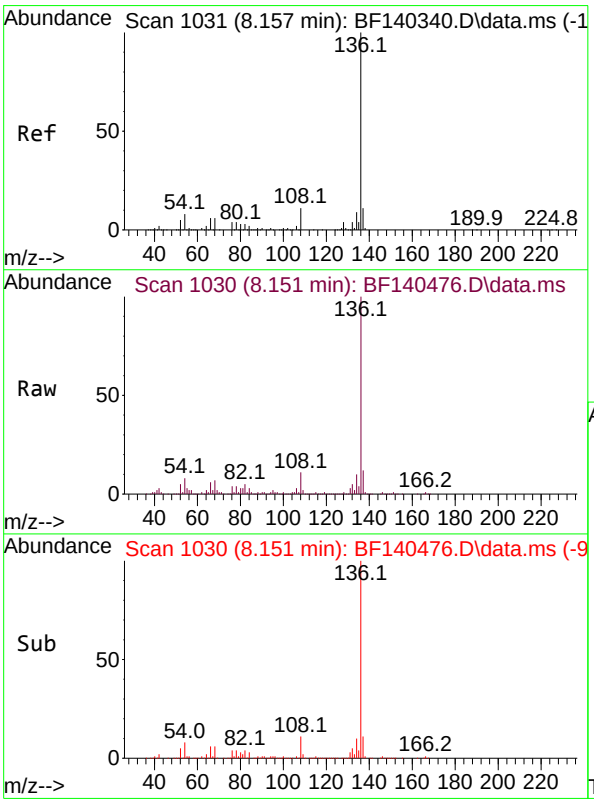
#7
Phenol-d6
Concen: 17.212 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion: 99 Resp: 242962

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.1	22.7
71	33.1	27.9	41.9

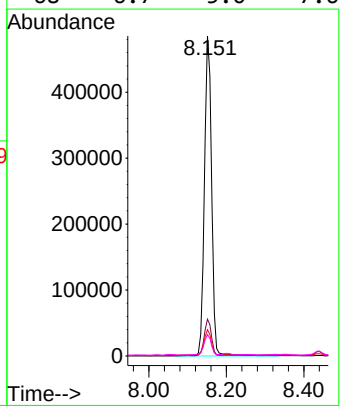


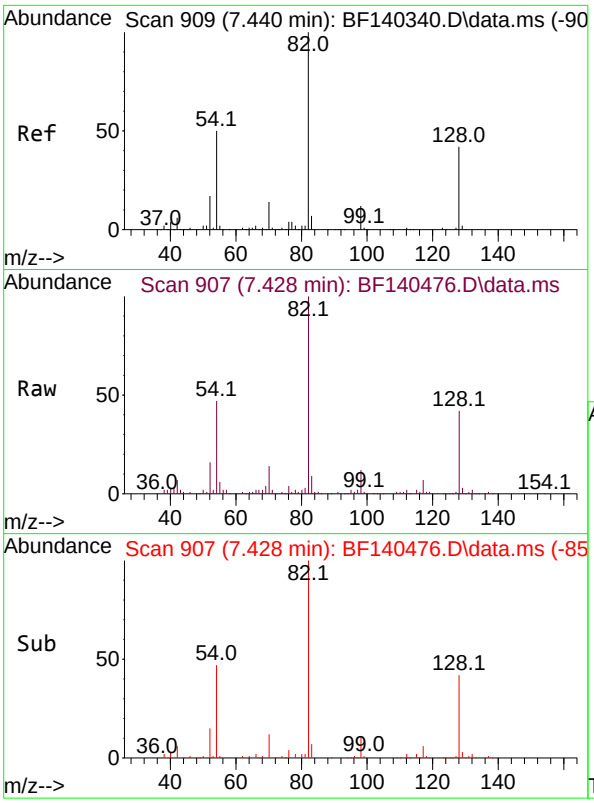


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:136 Resp: 622089

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.2	6.5	9.7
68	6.7	5.0	7.6



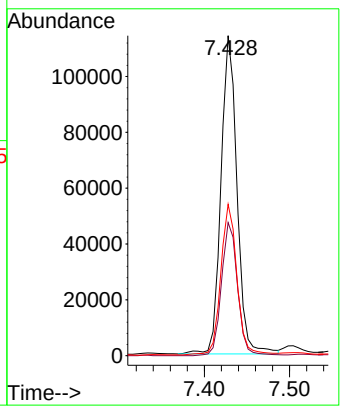


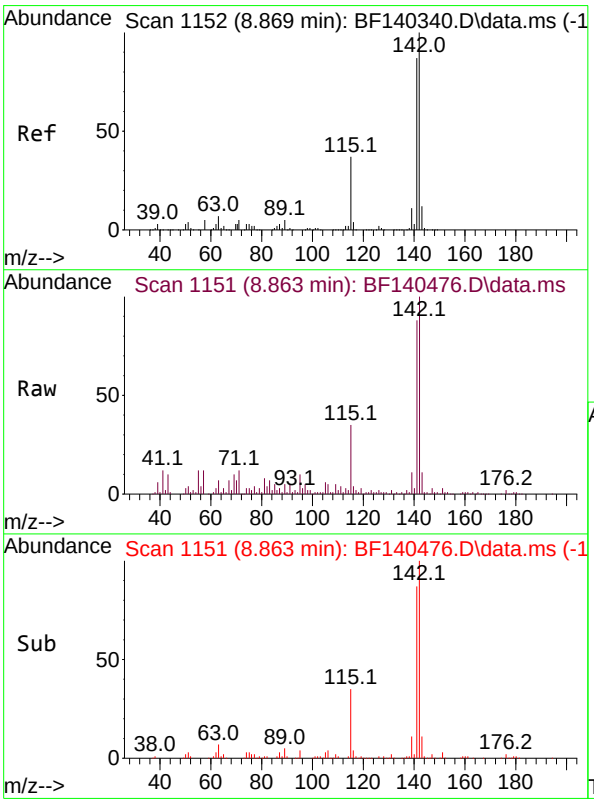
#23
Nitrobenzene-d5
Concen: 12.485 ng
RT: 7.428 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion: 82 Resp: 149062

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	47.3	39.8	59.8

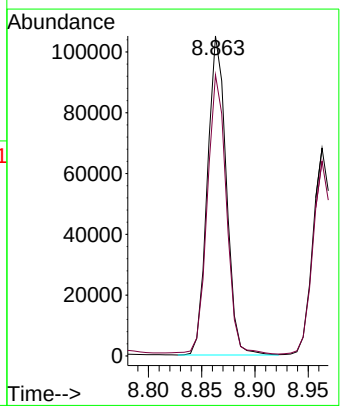


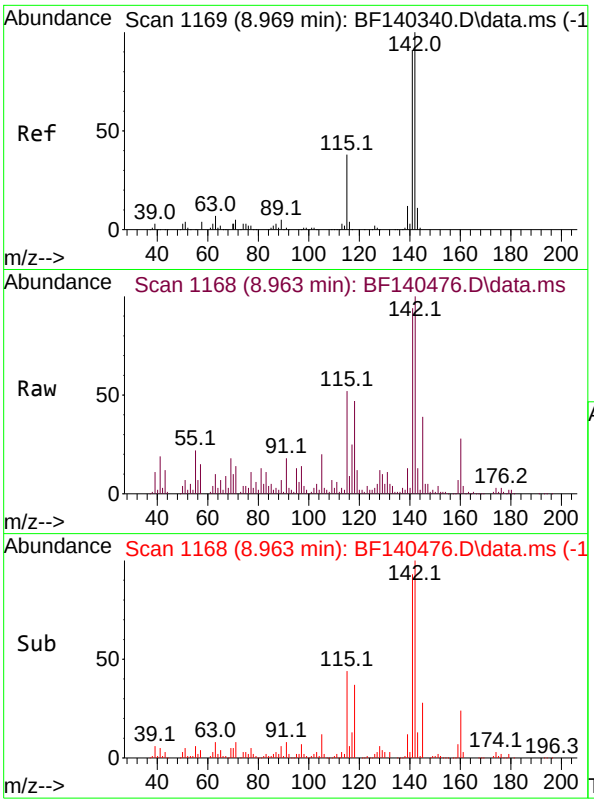


#37
2-Methylnaphthalene
Concen: 6.381 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:142 Resp: 129113

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6



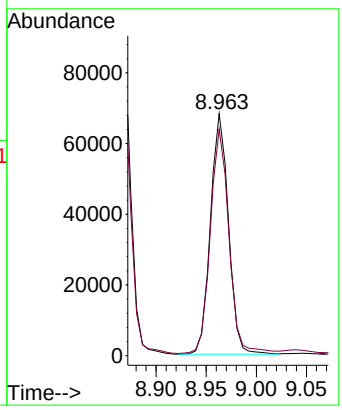


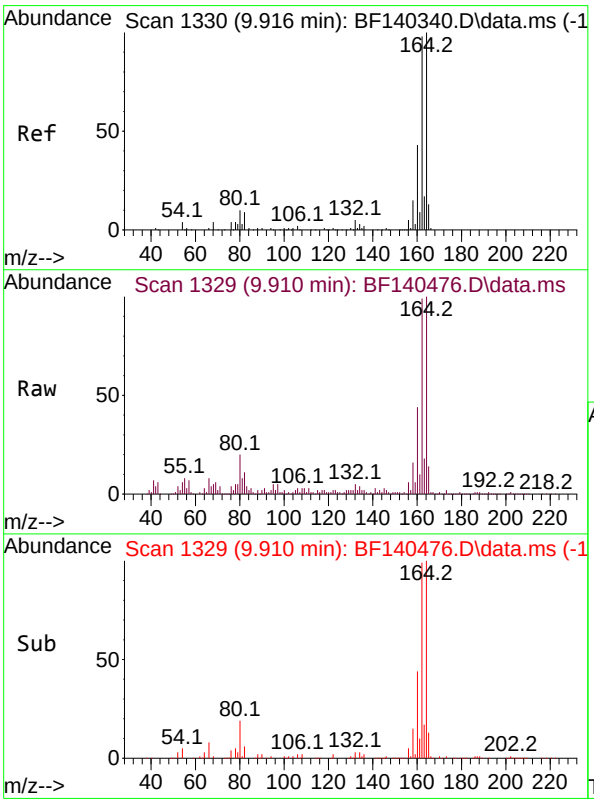
#38
1-Methylnaphthalene
Concen: 4.295 ng
RT: 8.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion:142 Resp: 85100

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.6	110.4

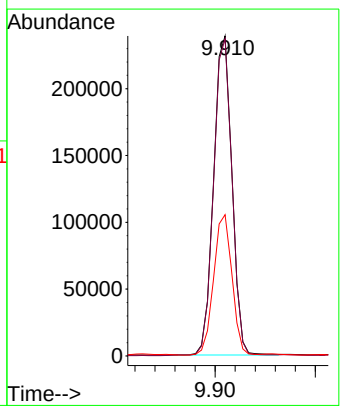


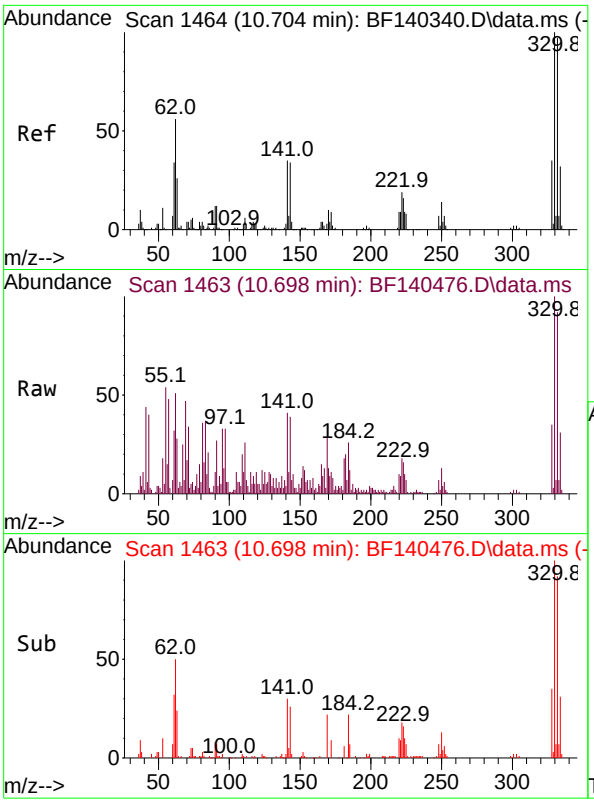


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:164 Resp: 302712

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.8	119.8
160	44.2	35.4	53.0



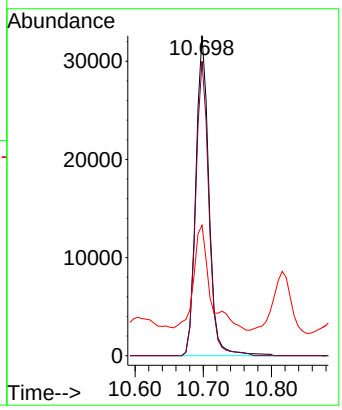


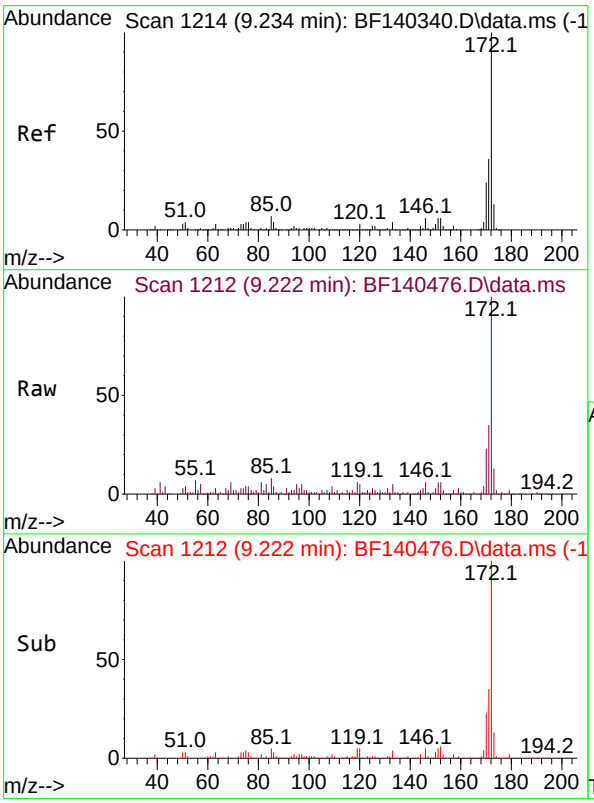
#42
2,4,6-Tribromophenol
Concen: 14.444 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion:330 Resp: 43481

Ion	Ratio	Lower	Upper
330	100		
332	92.2	75.9	113.9
141	41.3	26.9	40.3#

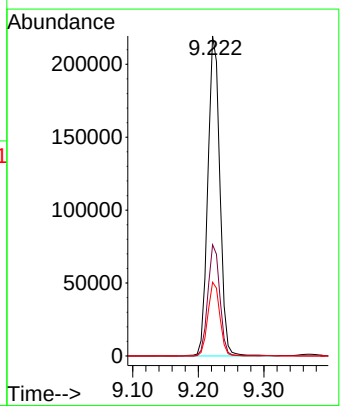


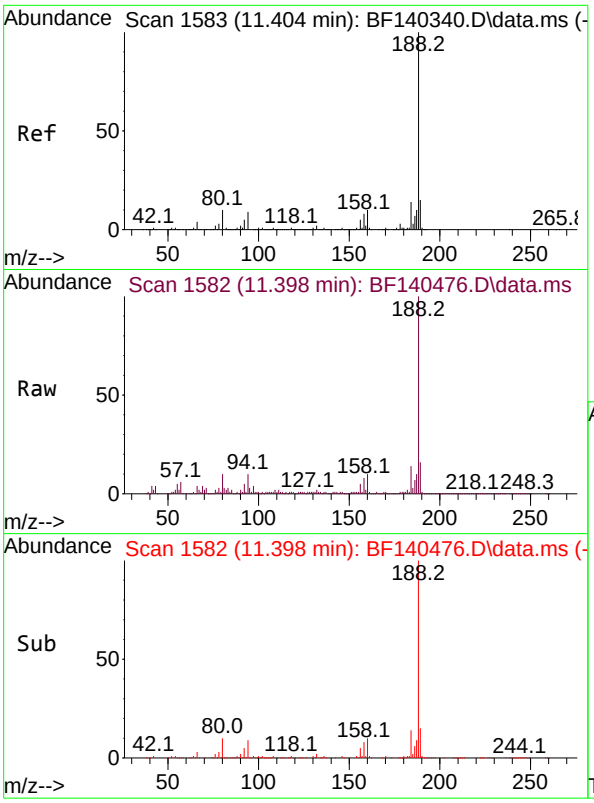


#45
2-Fluorobiphenyl
Concen: 14.845 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:172 Resp: 279540

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.1	19.1	28.7



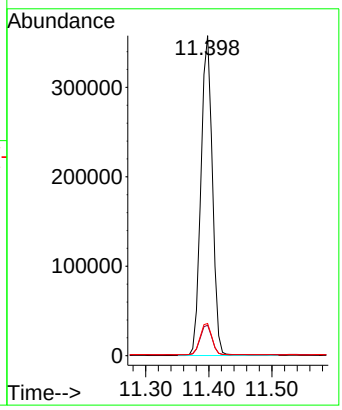


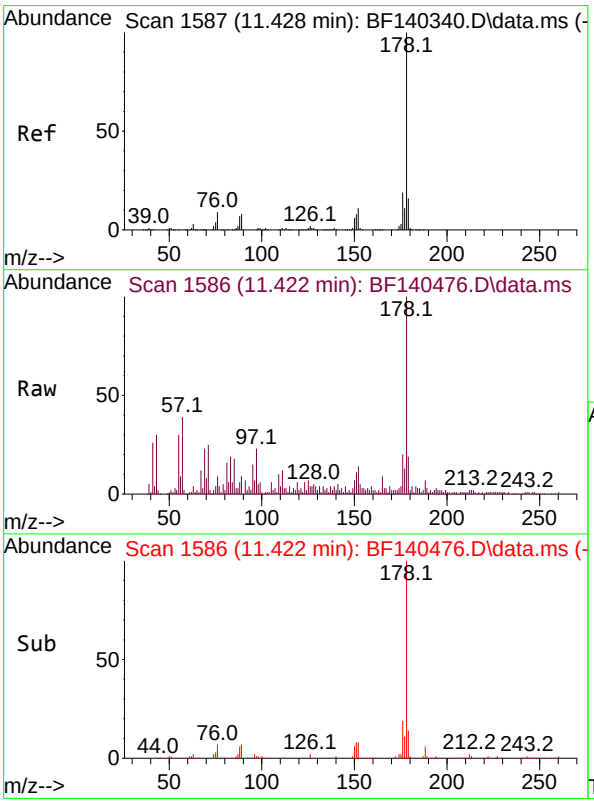
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion:188 Resp: 451617

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.0	8.0	12.0

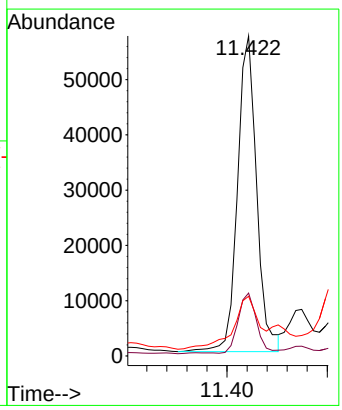


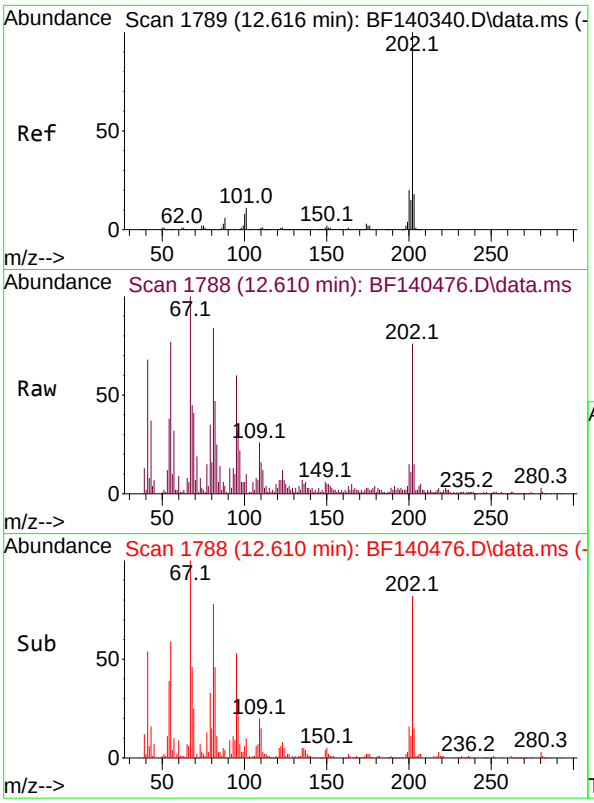


#71
Phenanthrene
Concen: 3.582 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:178 Resp: 75989

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	18.7	12.4	18.6#



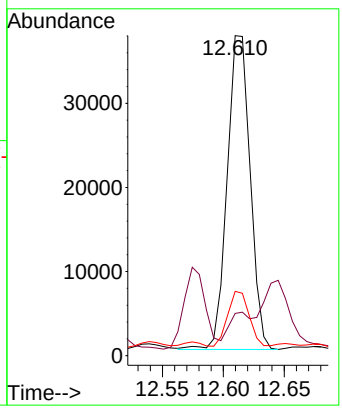


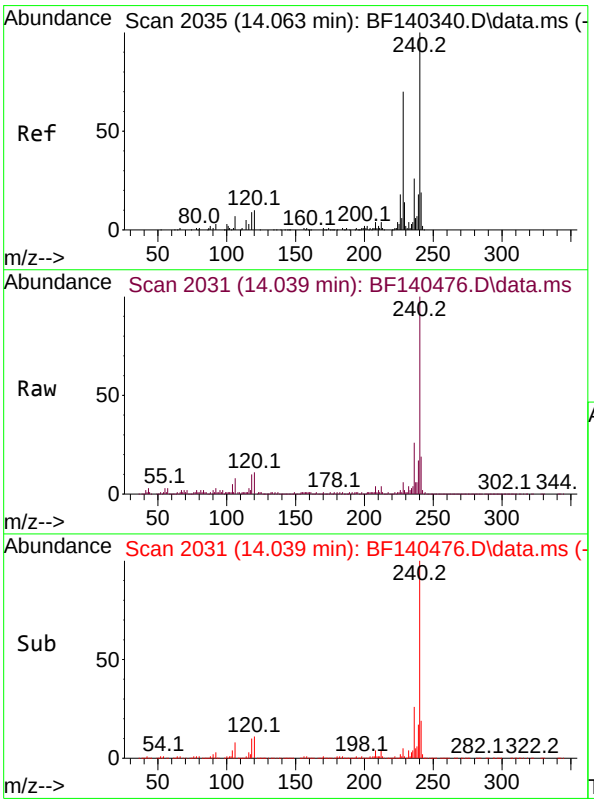
#75
Fluoranthene
Concen: 2.061 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion:202 Resp: 49053

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.7
203	20.1	0.0	37.7

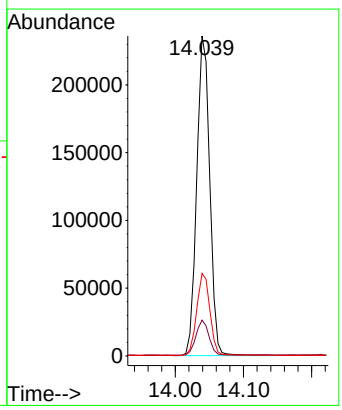


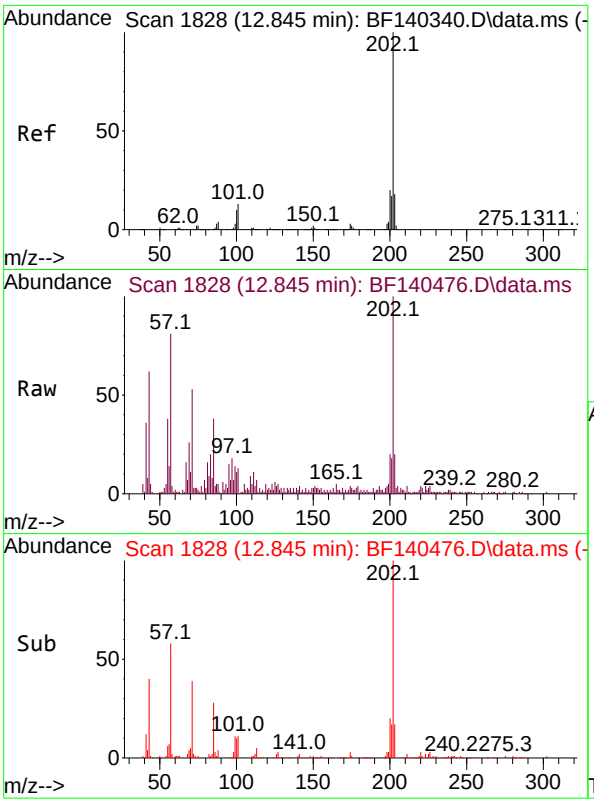


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:240 Resp: 312203

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.8	20.9	31.3



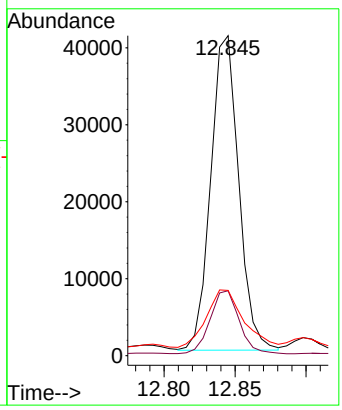


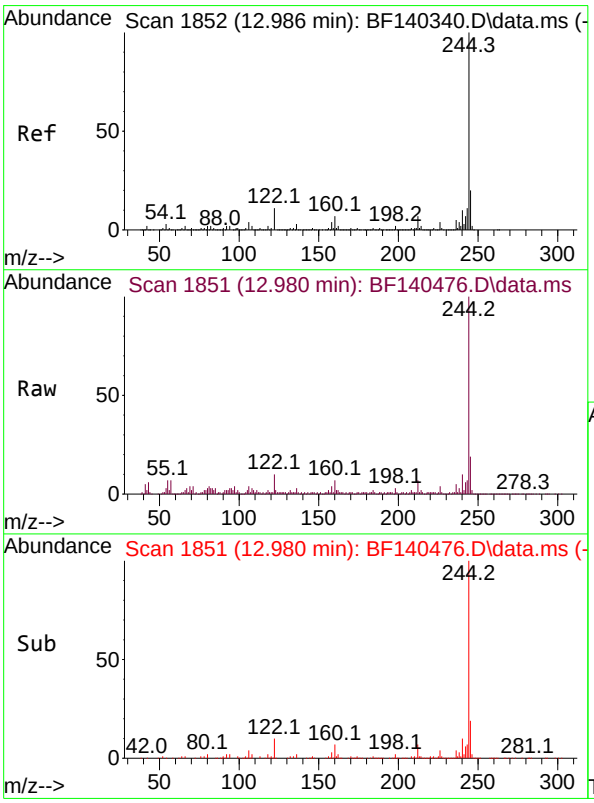
#78
Pyrene
Concen: 2.093 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion:202 Resp: 55903

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	20.4	14.2	21.4

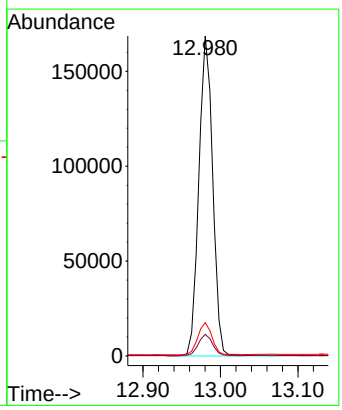


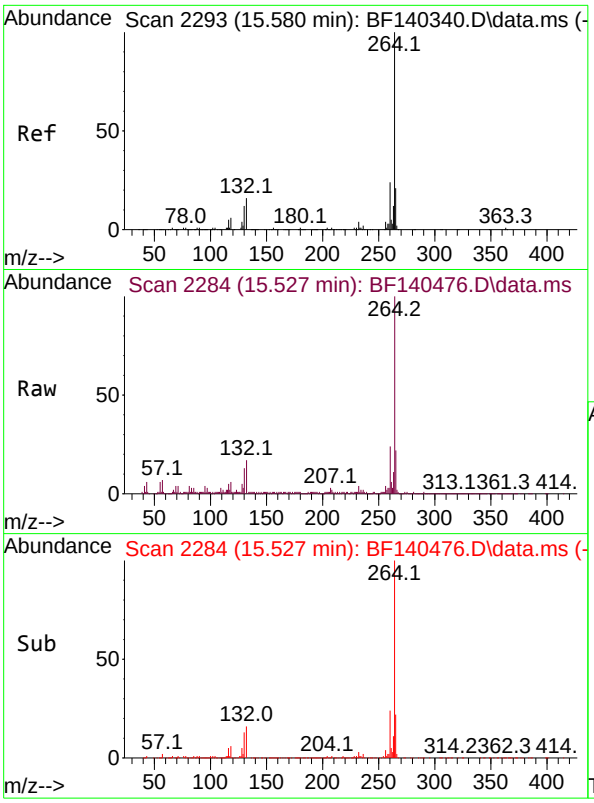


#79
Terphenyl-d14
Concen: 11.652 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Tgt Ion:244 Resp: 209570

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF140476.D
Acq: 19 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Tgt Ion:264 Resp: 248198

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.1	25.7