Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128764.D
Acq On : 10 Jun 2022 17:47
Operator : CG\JU
Sample : N3286-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1R

Quant Time: Jun 11 01:27:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	64697	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	242166	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	142523	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	242188	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	120253	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	133710	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	192894	47.490	ng	0.00
7) Phenol-d6	6.481	99	247783	49.976	ng	0.00
23) Nitrobenzene-d5	7.381	82	498196	95.783	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	230090	136.635	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	978015	96.125	ng	0.00
79) Terphenyl-d14	12.921	244	798793	115.424	ng	-0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.234	107	172636	39.366	ng	# 73
27) 2,4-Dimethylphenol	7.763	122	81140	25.318	ng	98
31) Naphthalene	8.134	128	5562357	447.562	ng	96
37) 2-Methylnaphthalene	8.804	142	736447	93.163	ng	100
38) 1-Methylnaphthalene	8.904	142	418813	54.837	ng	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128764.D
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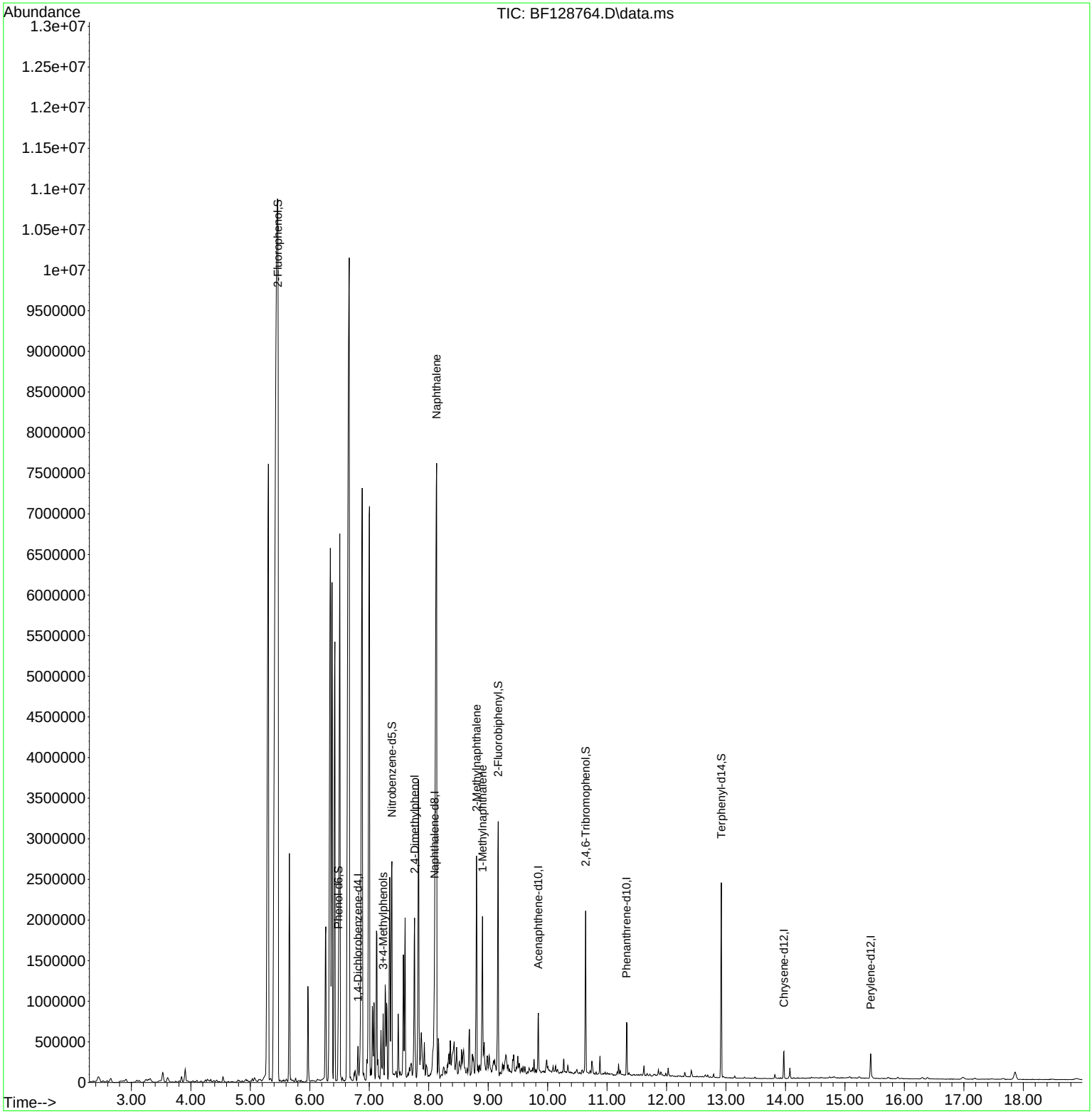
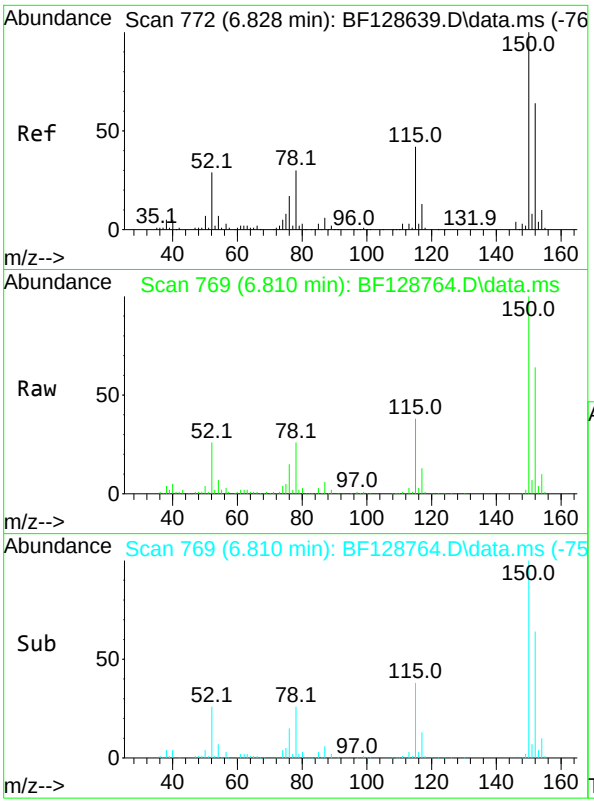


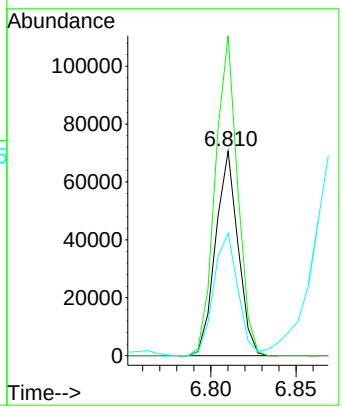


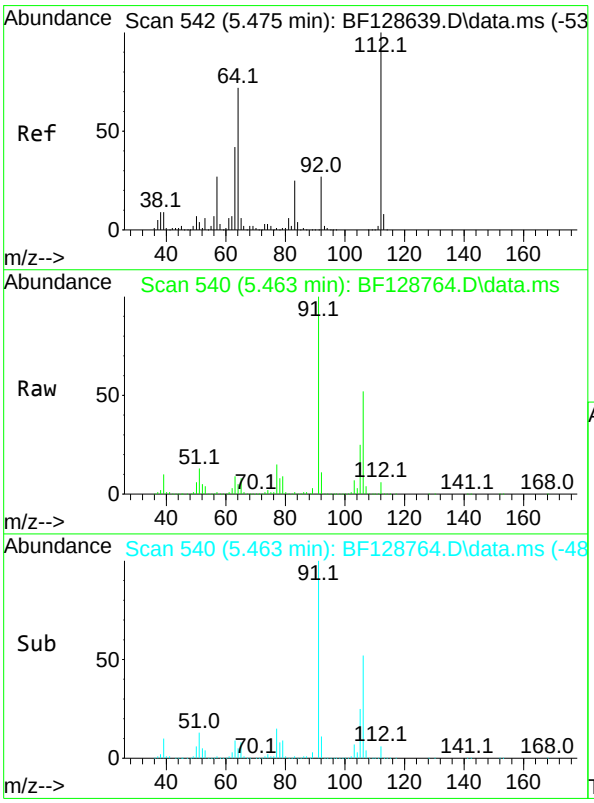
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:152 Resp: 64697

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	59.9	49.9	74.9

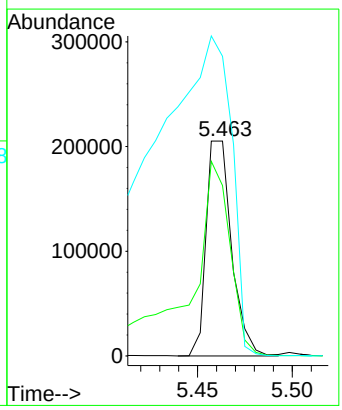


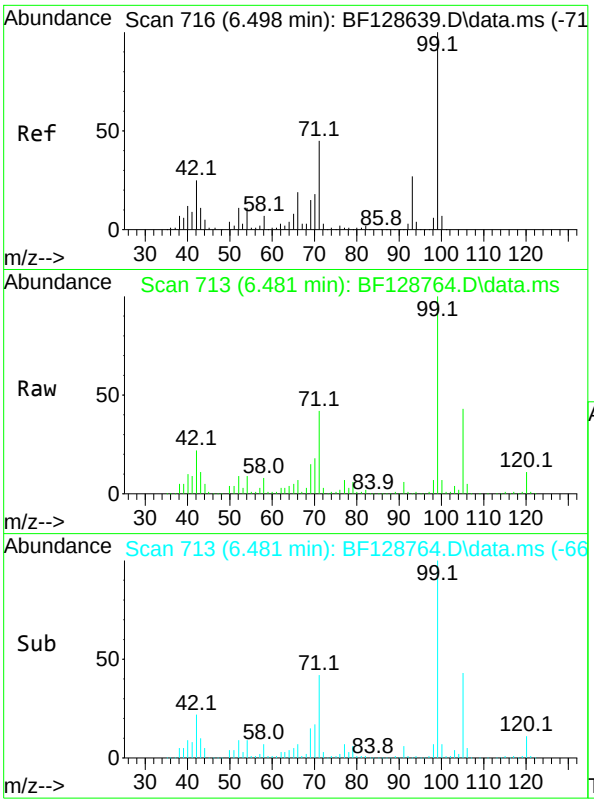


#5
2-Fluorophenol
Concen: 47.490 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:112 Resp: 192894

Ion	Ratio	Lower	Upper
112	100		
64	79.3	53.3	79.9
63	139.5	28.0	42.0#



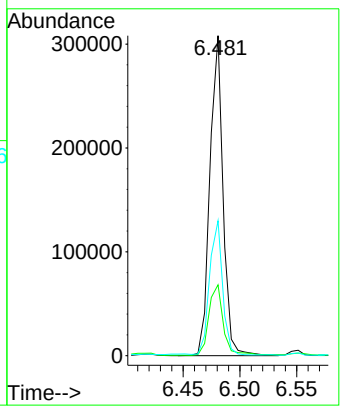


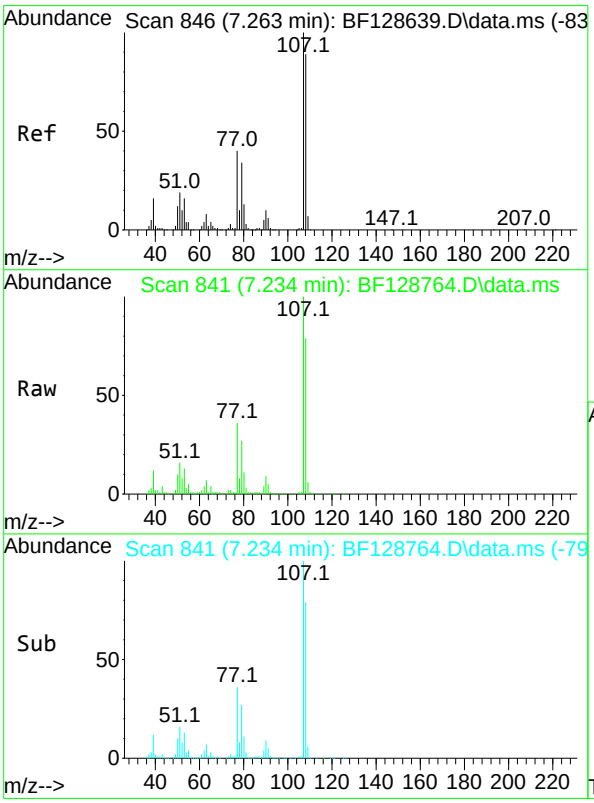
#7
Phenol-d6
Concen: 49.976 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion: 99 Resp: 247783

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.3	25.9
71	42.2	28.9	43.3

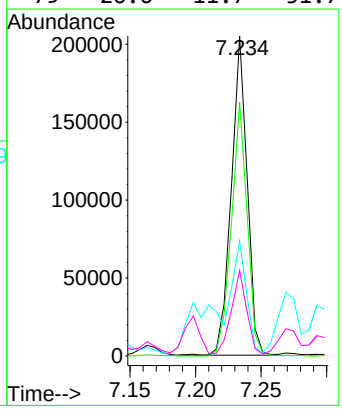


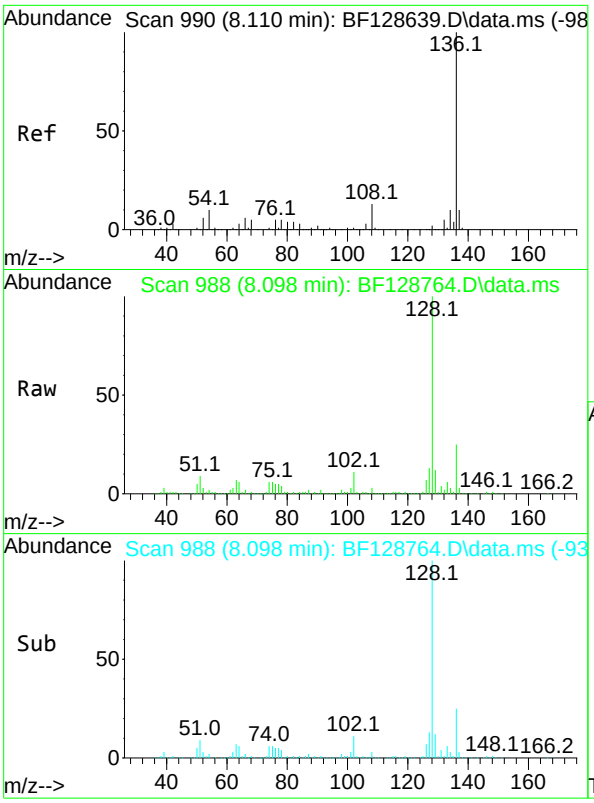


#20
3+4-Methylphenols
Concen: 39.366 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:107 Resp: 172636

Ion	Ratio	Lower	Upper
107	100		
108	79.4	71.8	111.8
77	35.9	59.3	99.3#
79	26.6	11.7	51.7



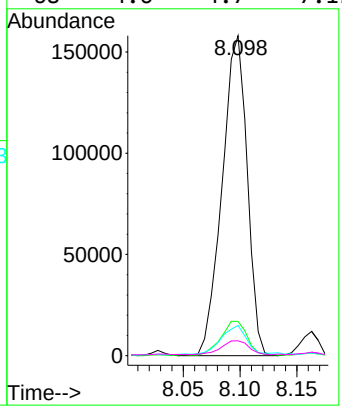


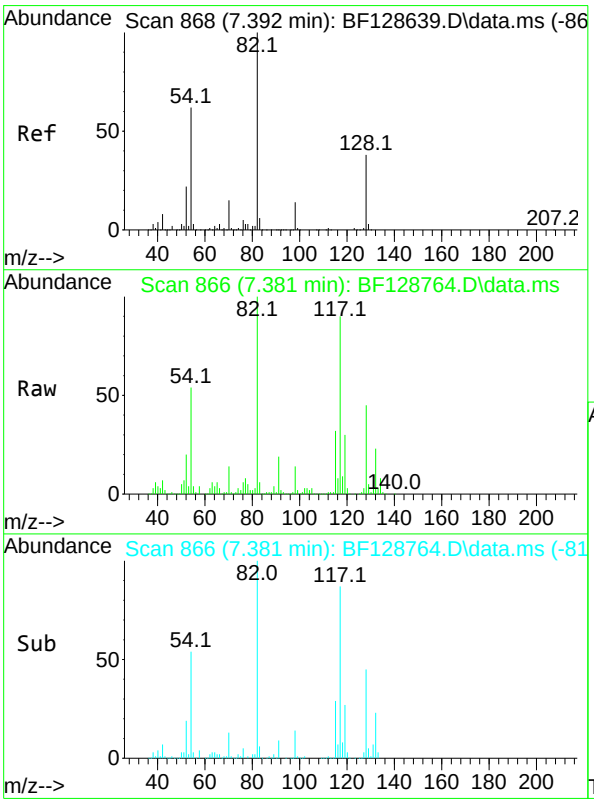
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:136 Resp: 242166

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.4	7.5	11.3
68	4.6	4.7	7.1#

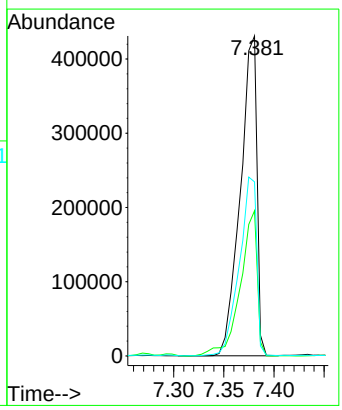


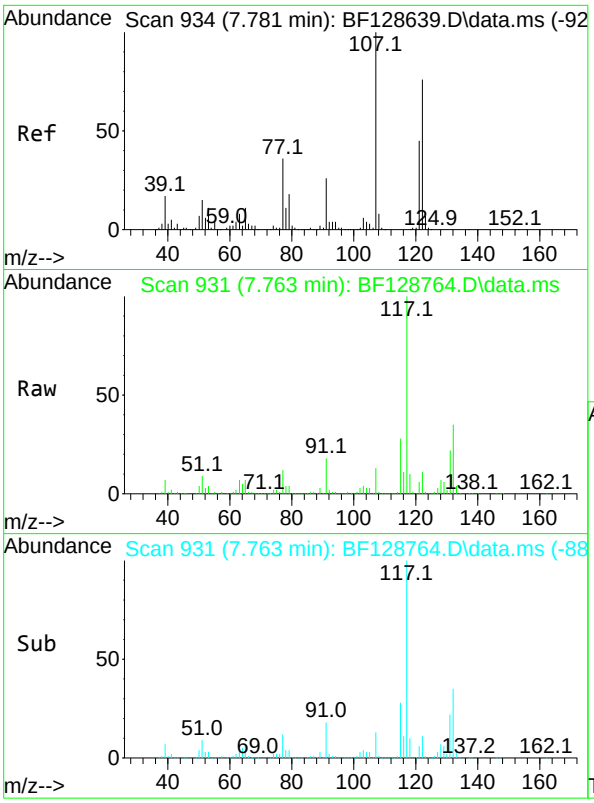


#23
Nitrobenzene-d5
Concen: 95.783 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion: 82 Resp: 498196

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	54.4	46.9	70.3



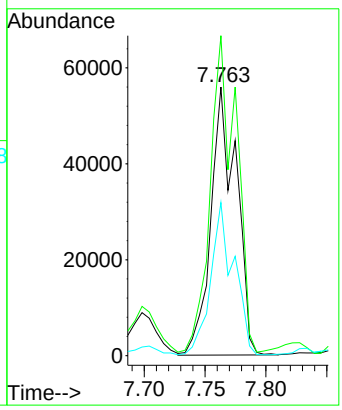


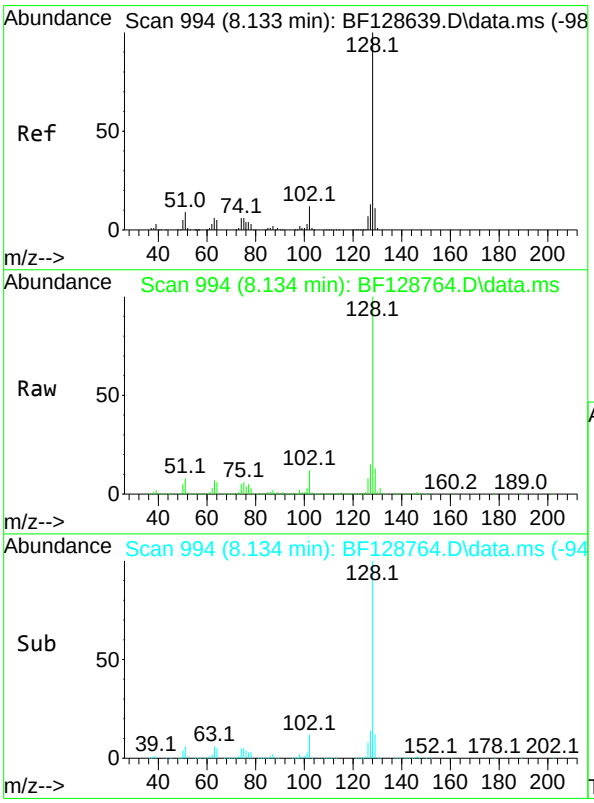
#27
2,4-Dimethylphenol
Concen: 25.318 ng
RT: 7.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:122 Resp: 81140

Ion	Ratio	Lower	Upper
122	100		
107	119.1	93.0	139.6
121	57.0	46.6	70.0

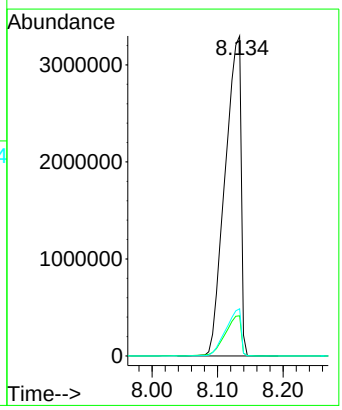


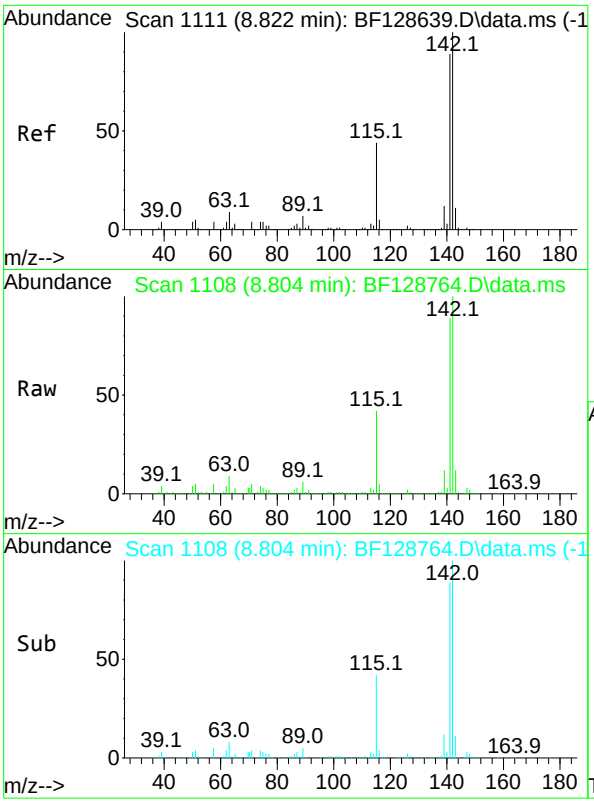


#31
Naphthalene
Concen: 447.562 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:128 Resp: 5562357

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.2	13.8
127	14.8	10.5	15.7



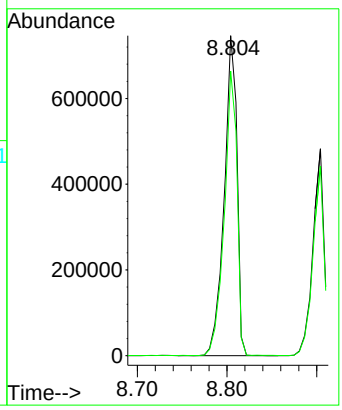


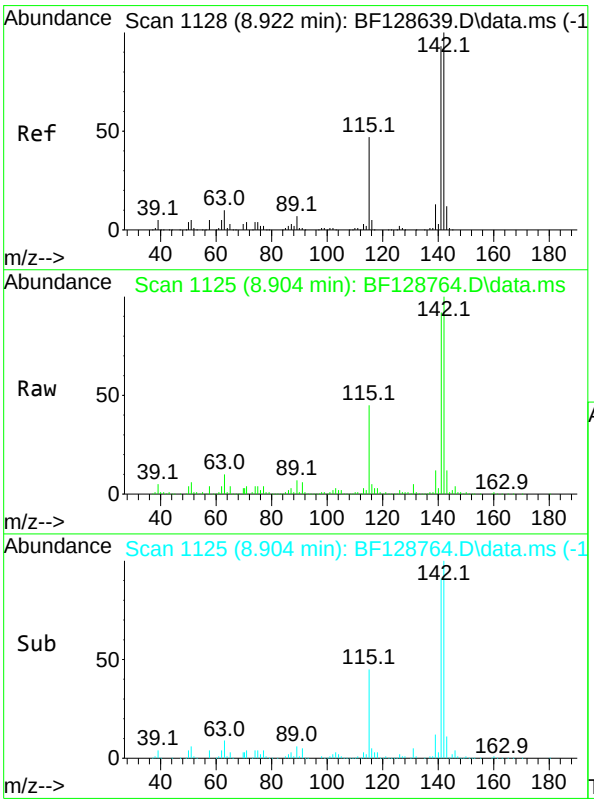
#37
2-Methylnaphthalene
Concen: 93.163 ng
RT: 8.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:142 Resp: 736447

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.4

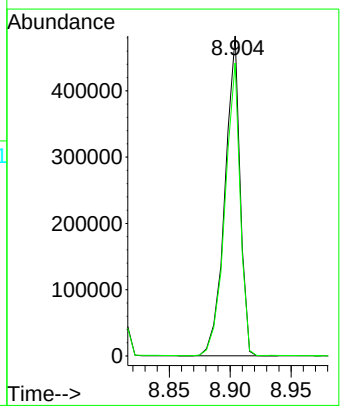


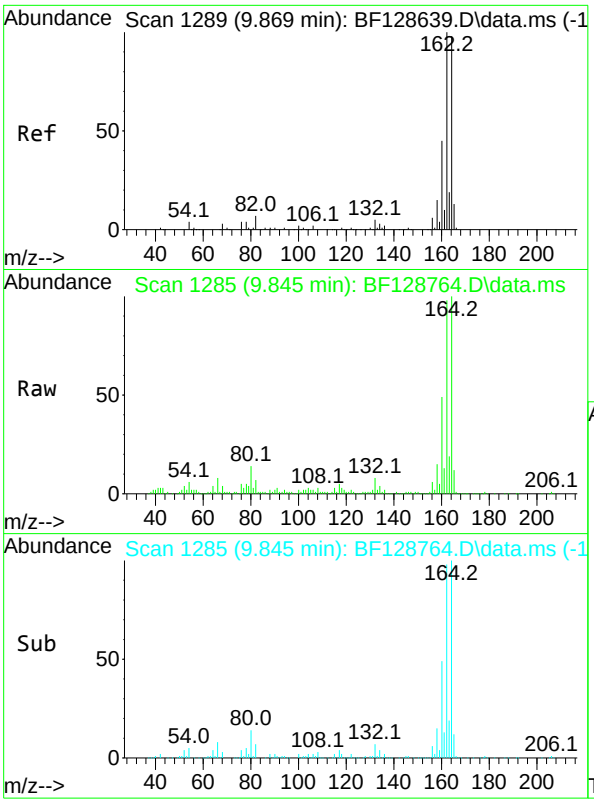


#38
1-Methylnaphthalene
Concen: 54.837 ng
RT: 8.904 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:142 Resp: 418813

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4



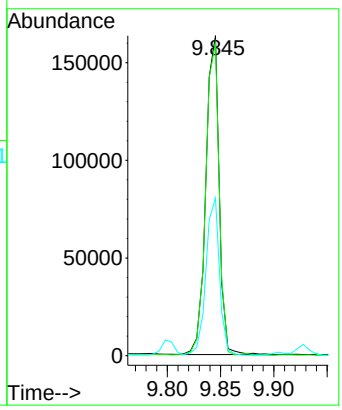


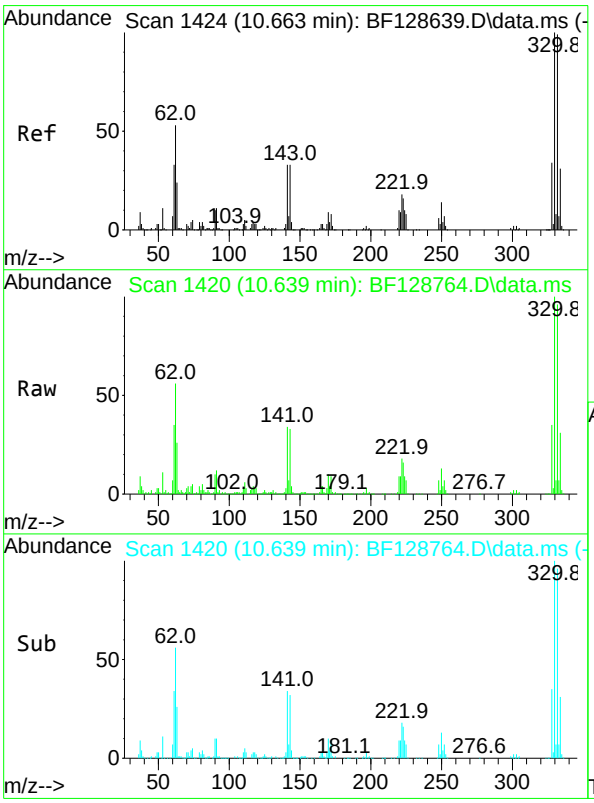
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:164 Resp: 142523

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.5	119.3
160	49.2	34.2	51.4

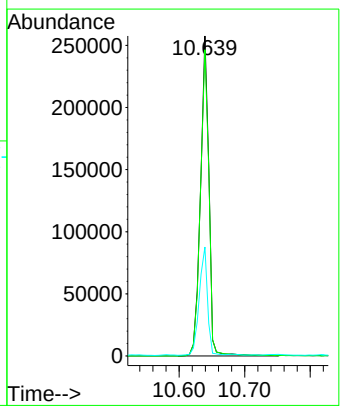


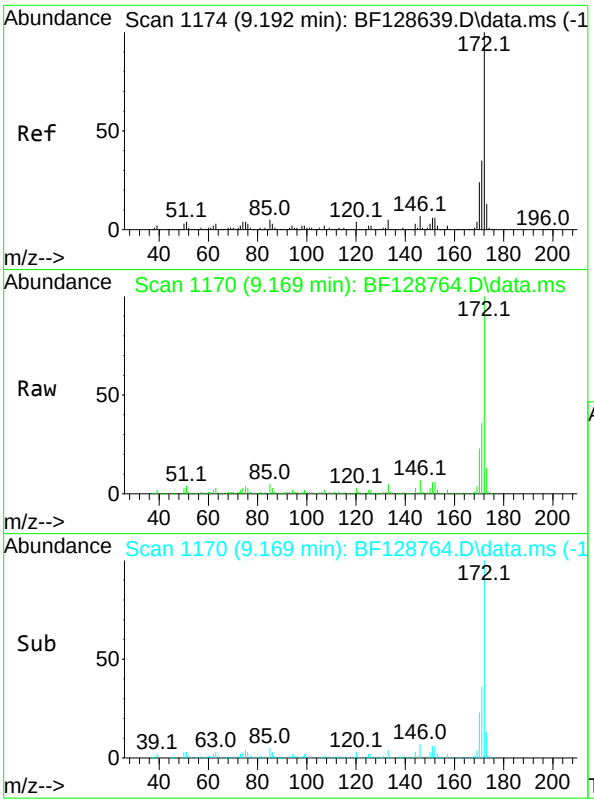


#42
2,4,6-Tribromophenol
Concen: 136.635 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:330 Resp: 230090

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.8	115.2
141	33.1	28.0	42.0



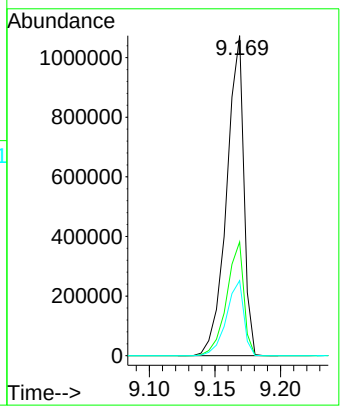


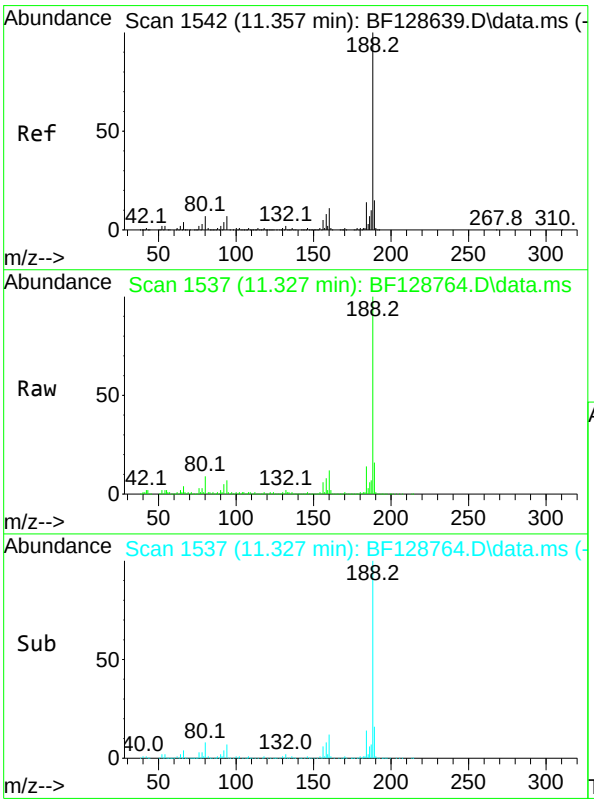
#45
2-Fluorobiphenyl
Concen: 96.125 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:172 Resp: 978015

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.4	19.8	29.8

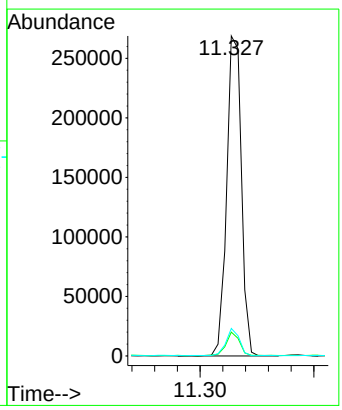


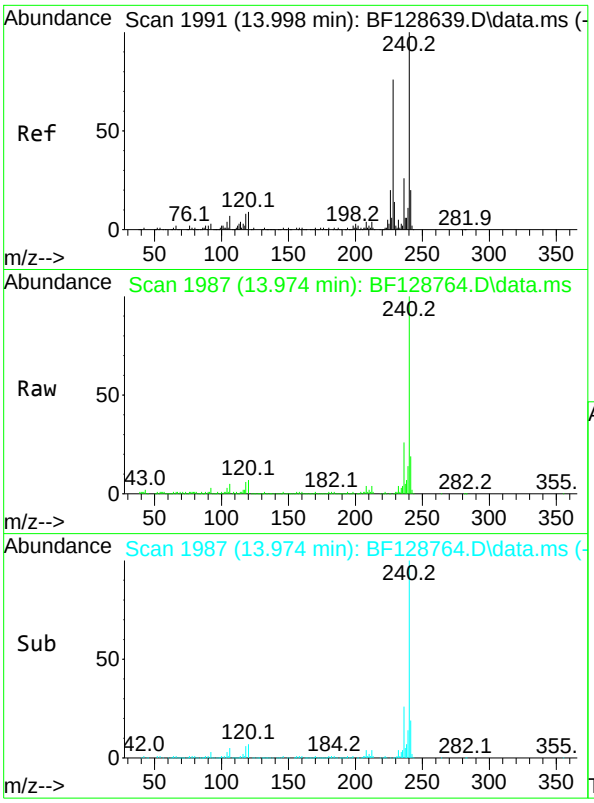


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1537
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:188 Resp: 242188

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	8.6	7.6	11.4



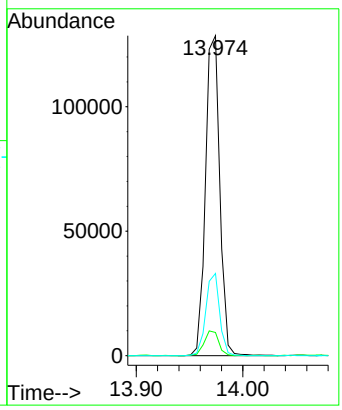


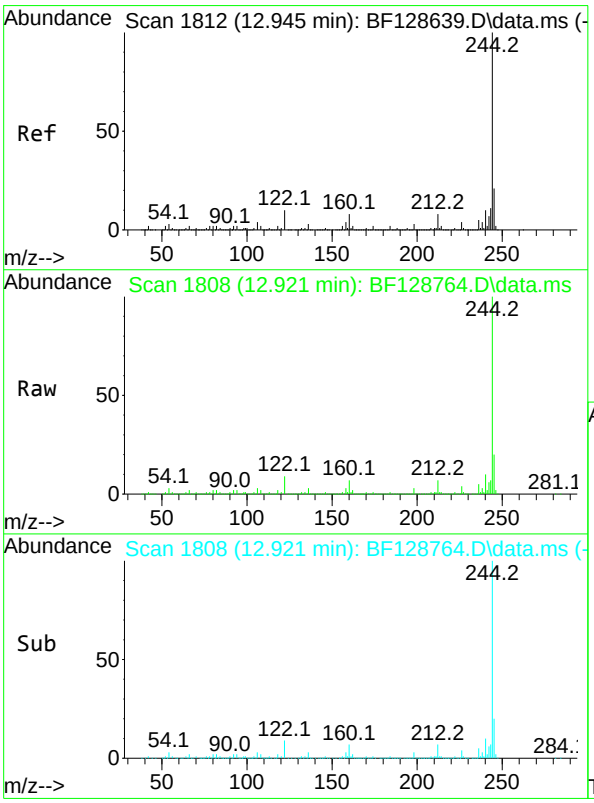
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:240 Resp: 120253

Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.9	13.3#
236	25.7	20.8	31.2

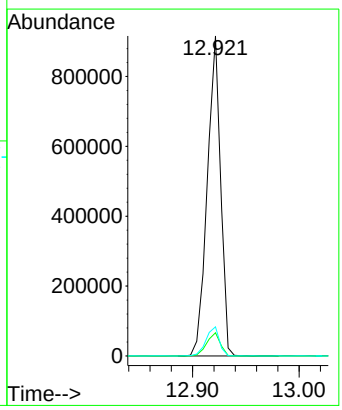


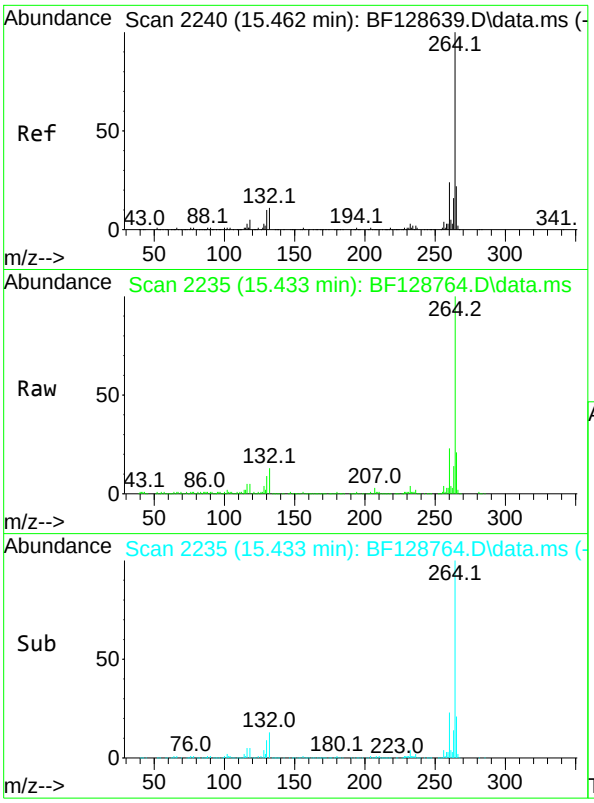


#79
Terphenyl-d14
Concen: 115.424 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:244 Resp: 798793

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	9.1	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:264 Resp: 133710

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.3	17.2	25.8