Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128431.D
Acq On : 24 May 2022 13:22
Operator : CG\JU
Sample : N2894-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Quant Time: May 25 03:54:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 03:52:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	95742	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	375678	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	208653	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	389814	20.000	ng	0.00
76) Chrysene-d12	14.027	240	243351	20.000	ng	0.00
86) Perylene-d12	15.510	264	201392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	441366	73.361	ng	0.00
7) Phenol-d6	6.481	99	583590	73.665	ng	-0.01
23) Nitrobenzene-d5	7.410	82	396379	47.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	121653	56.535	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	643191	50.411	ng	0.00
79) Terphenyl-d14	12.963	244	723116	57.362	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	839	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	51803	10.933	ng	# 80
25) Isophorone	7.410	82	396376	30.848	ng	# 68
51) 2,6-Dinitrotoluene	9.881	165	26630	9.161	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	26630	7.271	ng	# 26
77) Benzidine	12.963	184	10290	2.033	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
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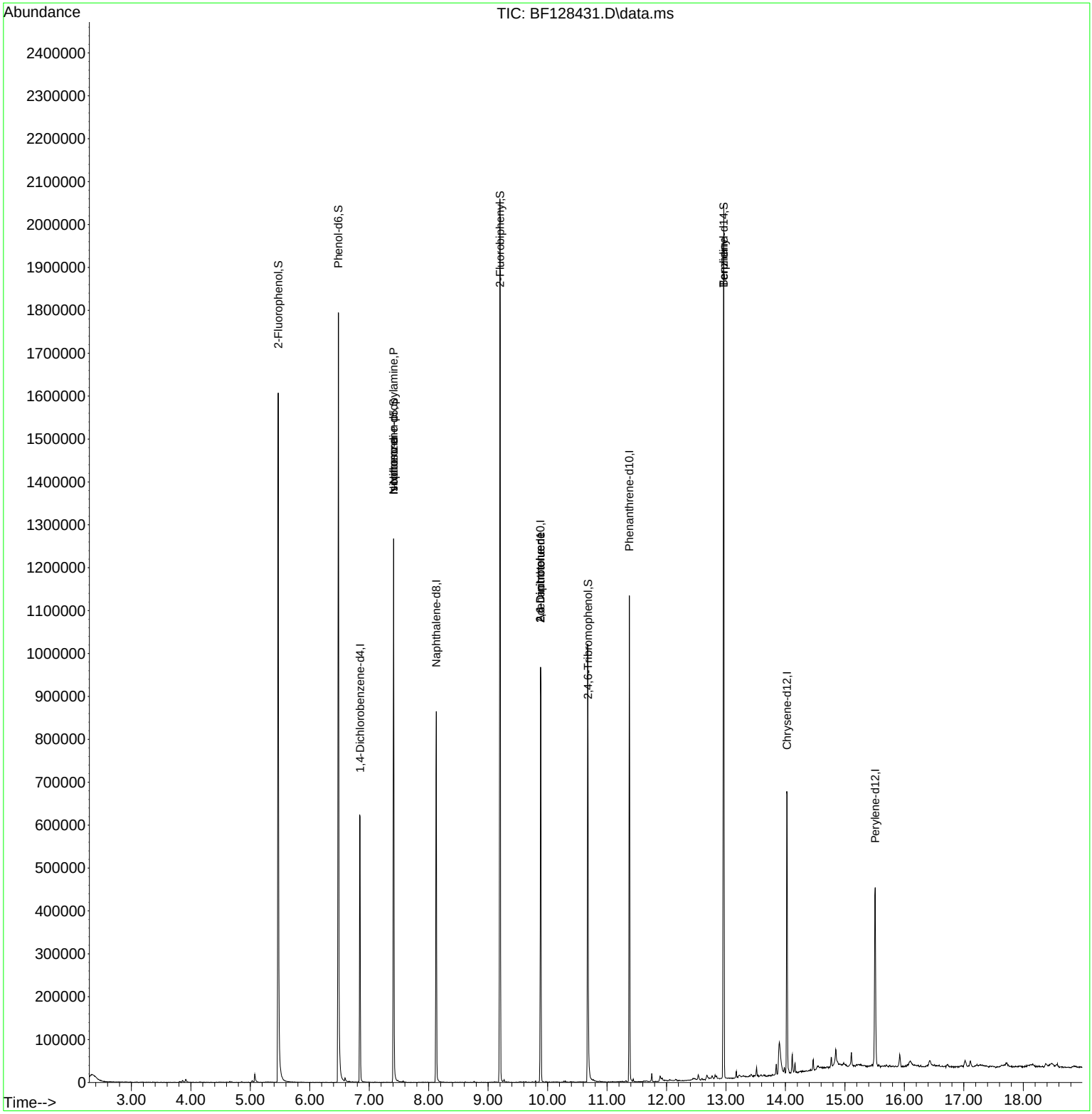
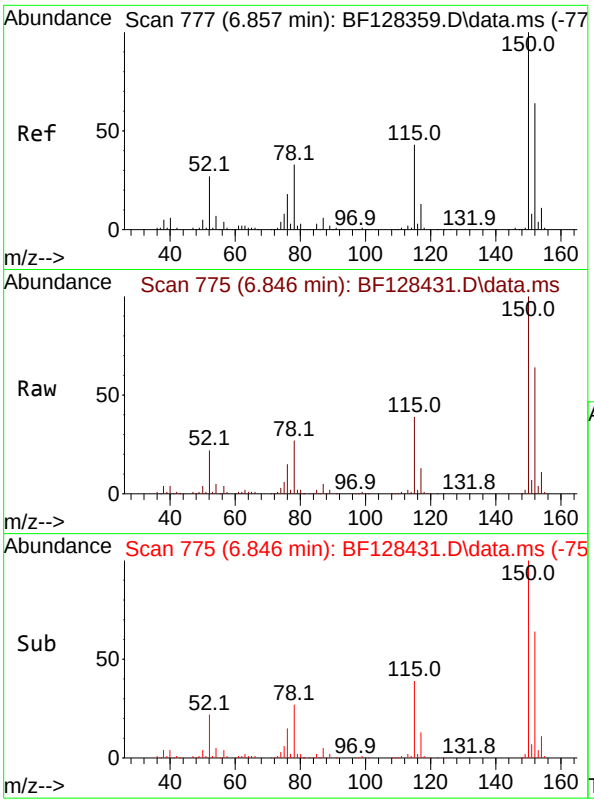


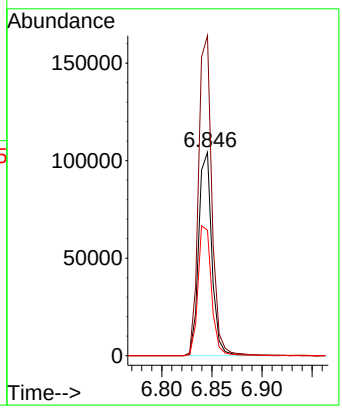


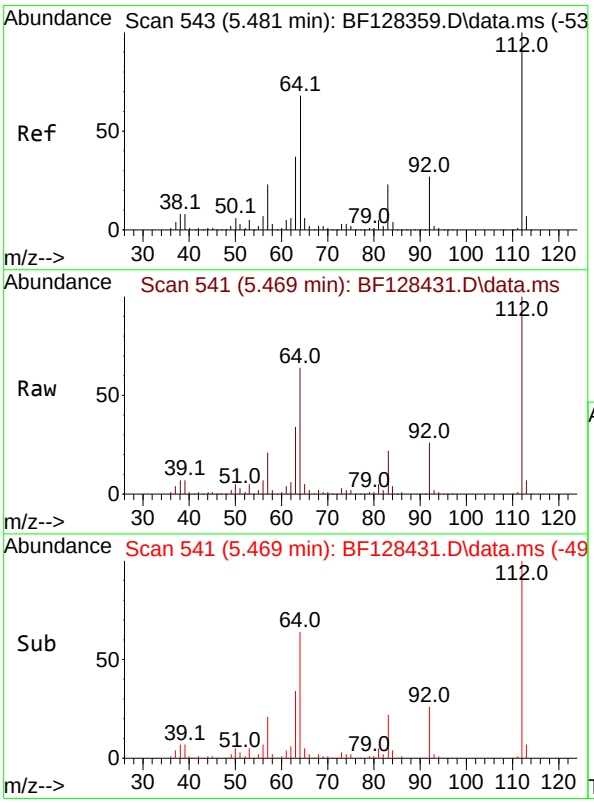
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion:152 Resp: 95742

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	61.7	48.8	73.2

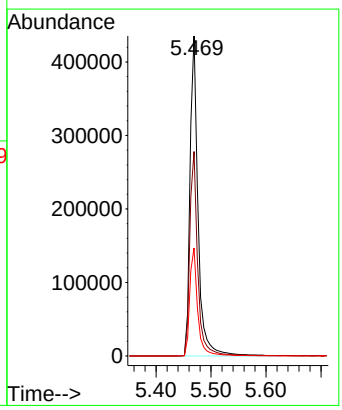


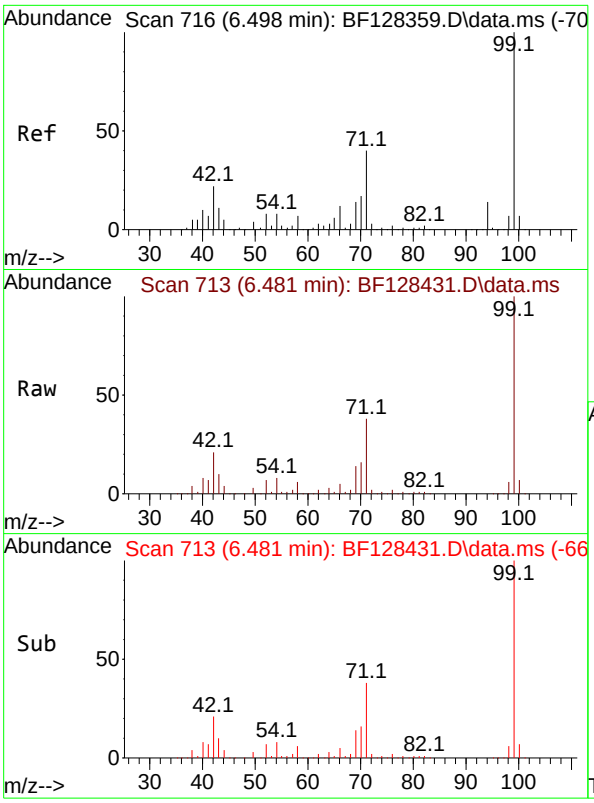


#5
2-Fluorophenol
Concen: 73.361 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:112 Resp: 441366

Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.5	74.3
63	33.7	26.3	39.5



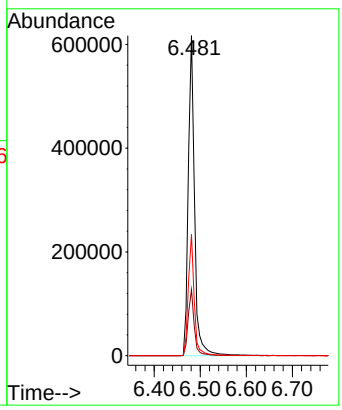


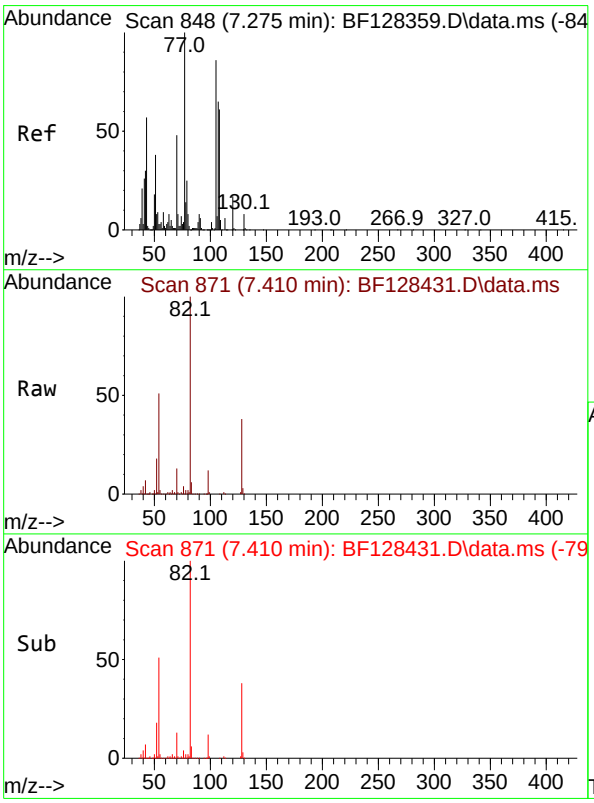
#7
Phenol-d6
Concen: 73.665 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion: 99 Resp: 583590

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	37.8	30.0	45.0

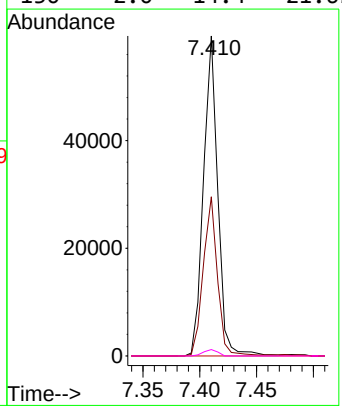


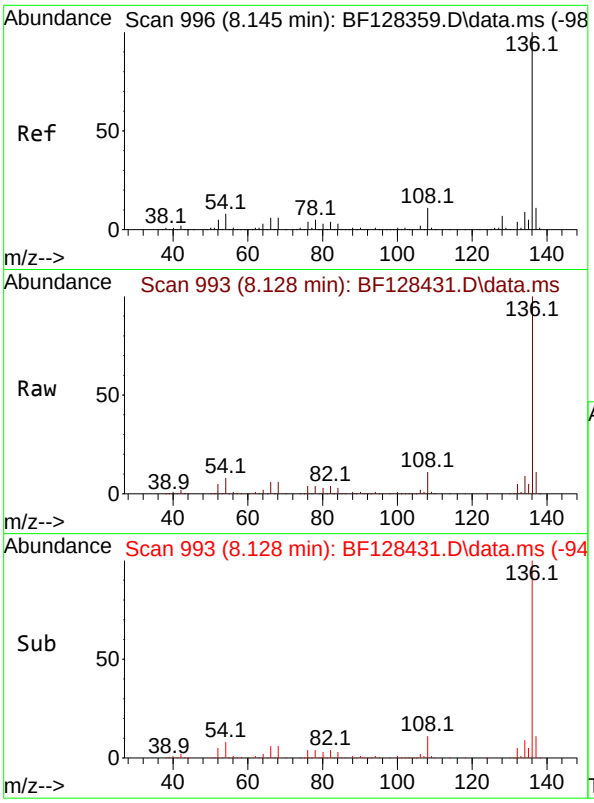


#19
n-Nitroso-di-n-propylamine
Concen: 10.933 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion: 70 Resp: 51803

Ion	Ratio	Lower	Upper
70	100		
42	49.7	48.7	73.1
101	0.0	7.2	10.8#
130	2.0	14.4	21.6#



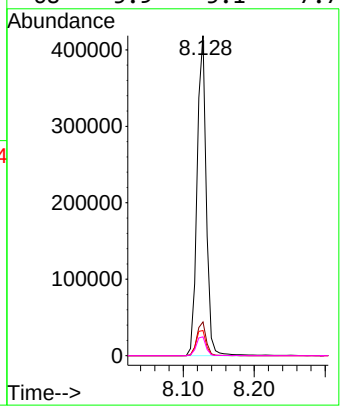


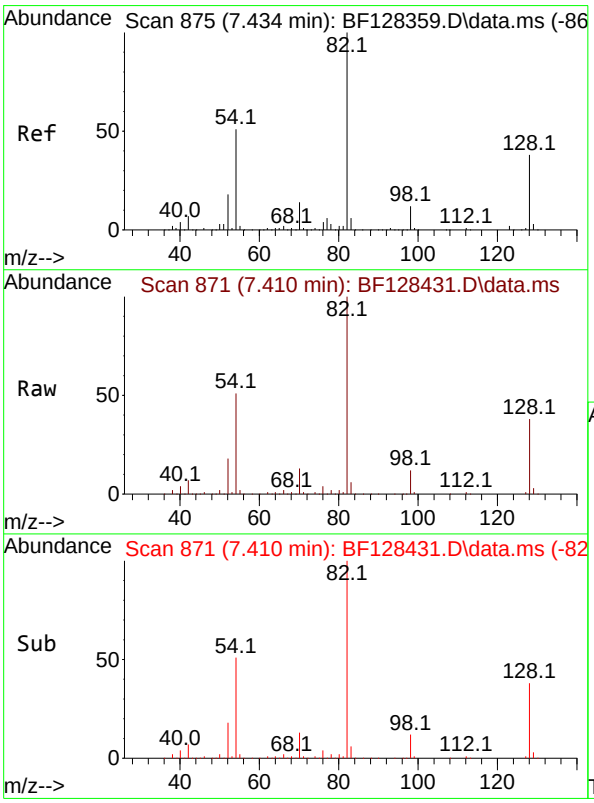
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion:136 Resp: 375678

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.8	6.8	10.2
68	5.9	5.1	7.7

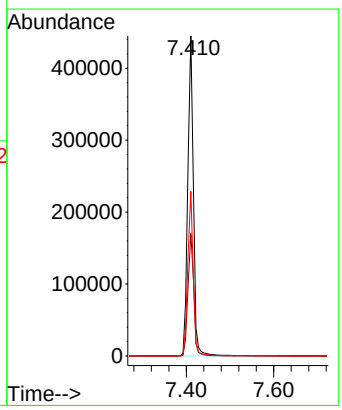


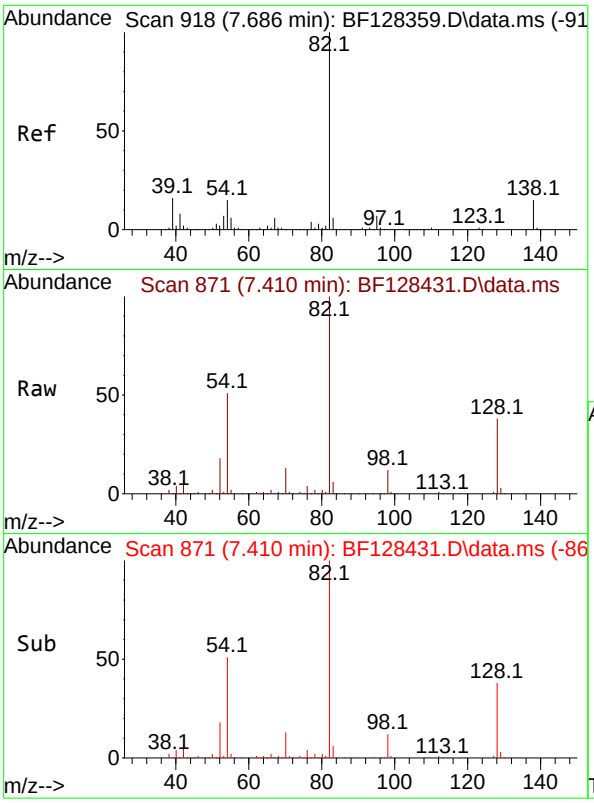


#23
Nitrobenzene-d5
Concen: 47.274 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion: 82 Resp: 396379

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.0	45.0
54	51.5	41.3	61.9



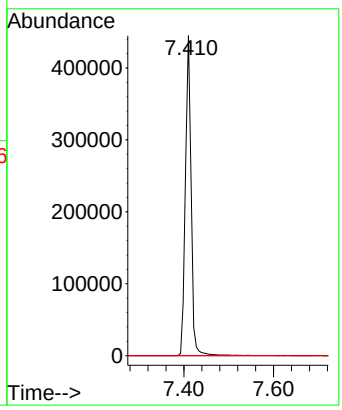


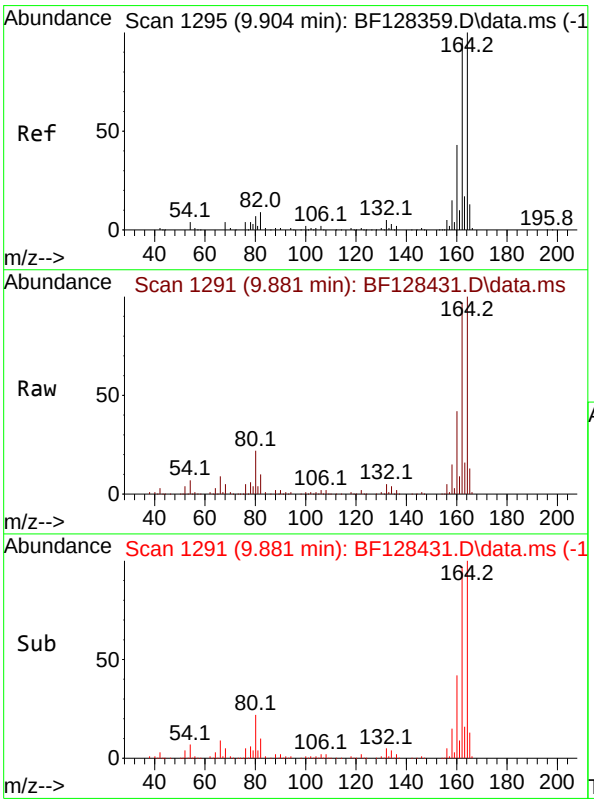
#25
Isophorone
Concen: 30.848 ng
RT: 7.410 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion: 82 Resp: 396376

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	12.5	18.7#

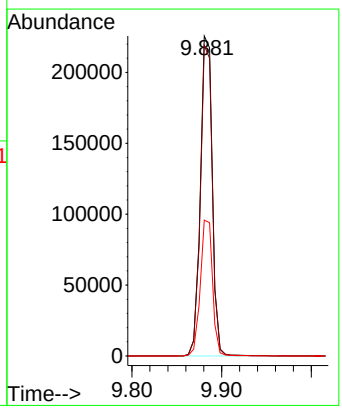


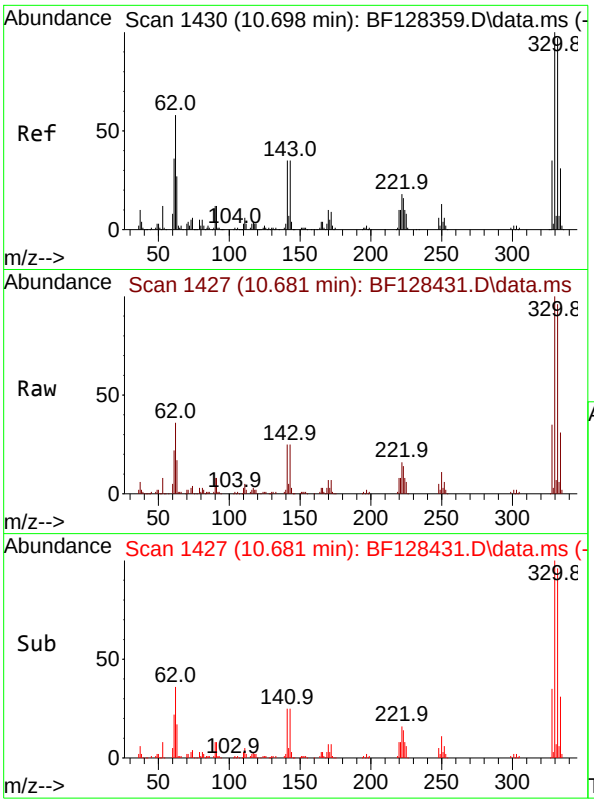


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:164 Resp: 208653

Ion	Ratio	Lower	Upper
164	100		
162	97.0	76.0	114.0
160	42.5	34.8	52.2



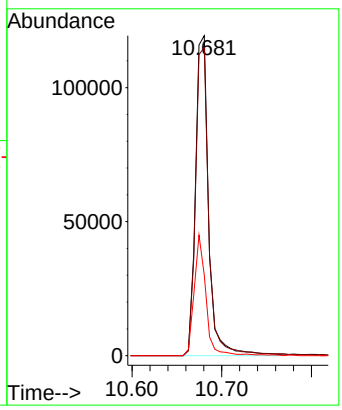


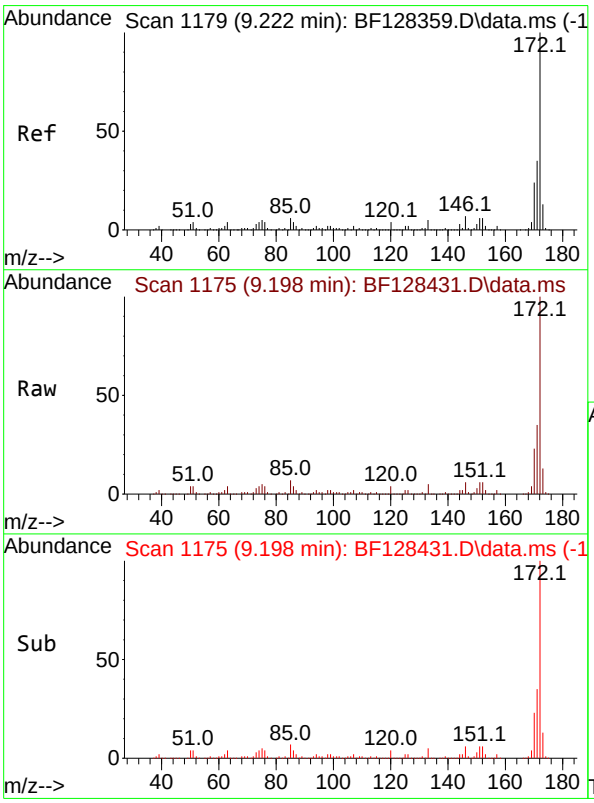
#42
2,4,6-Tribromophenol
Concen: 56.535 ng
RT: 10.681 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion:330 Resp: 121653

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	33.8	28.9	43.3

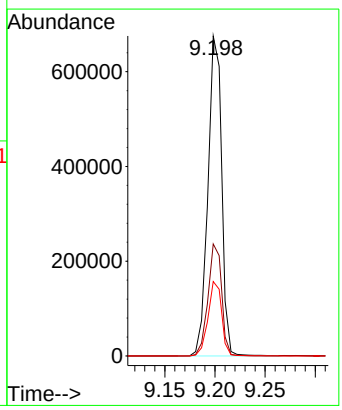


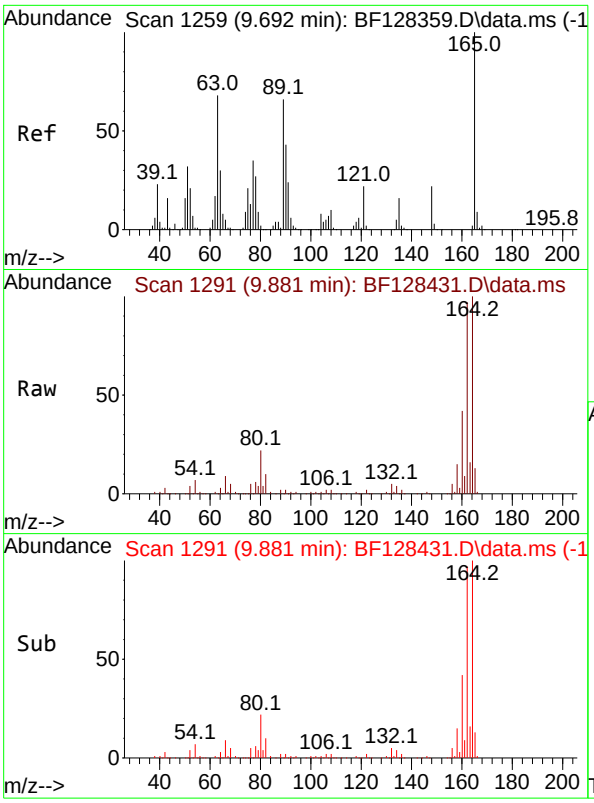


#45
2-Fluorobiphenyl
Concen: 50.411 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:172 Resp: 643191

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.2	19.1	28.7



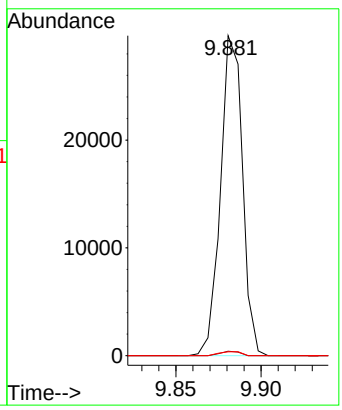


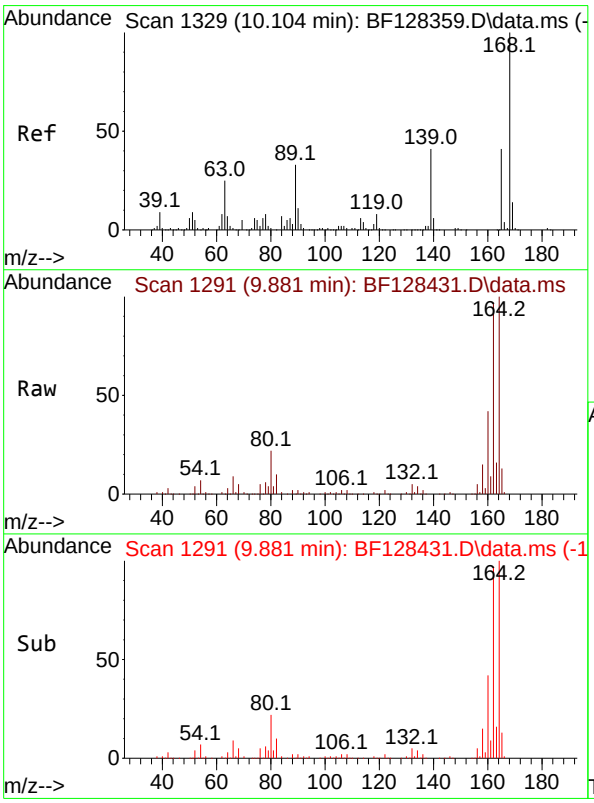
#51
2,6-Dinitrotoluene
Concen: 9.161 ng
RT: 9.881 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion:165 Resp: 26630

Ion	Ratio	Lower	Upper
165	100		
63	1.4	49.5	74.3#
89	1.2	49.0	73.4#

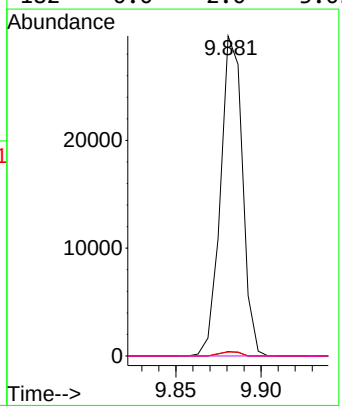


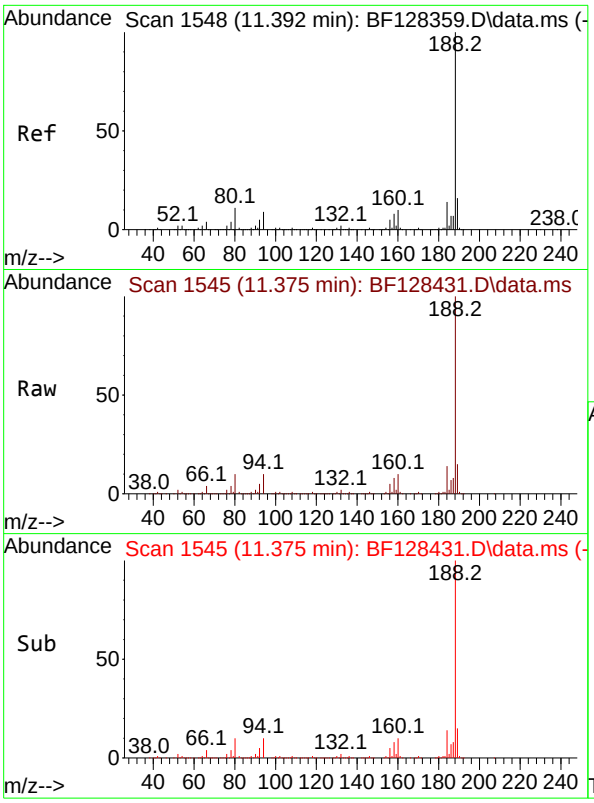


#57
2,4-Dinitrotoluene
Concen: 7.271 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.212 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:165 Resp: 26630

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.2	55.2	82.8#
182	0.0	2.0	3.0#



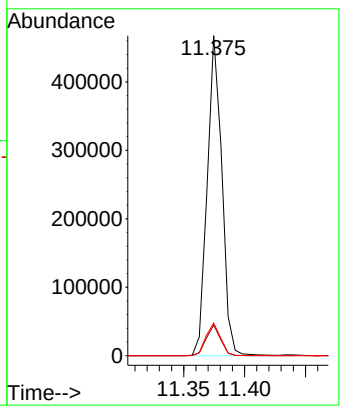


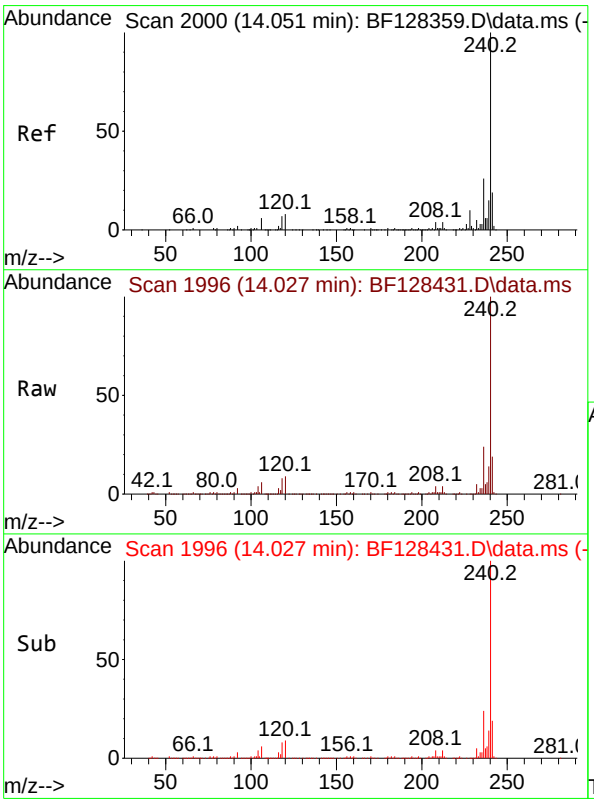
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion:188 Resp: 389814

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.2	8.9	13.3

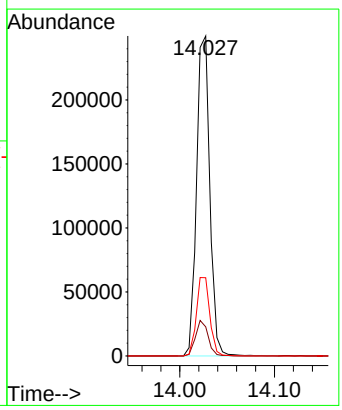


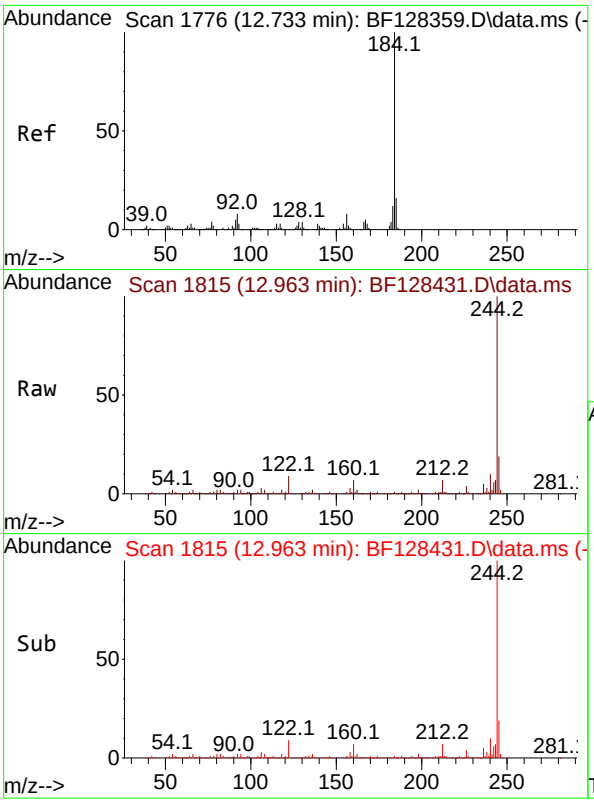


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:240 Resp: 243351

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	24.4	20.3	30.5



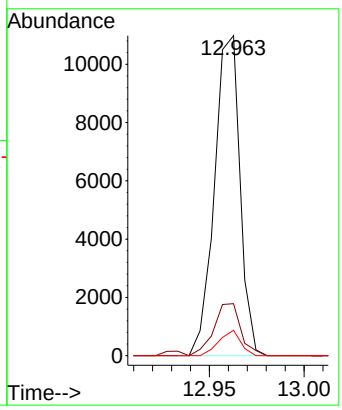


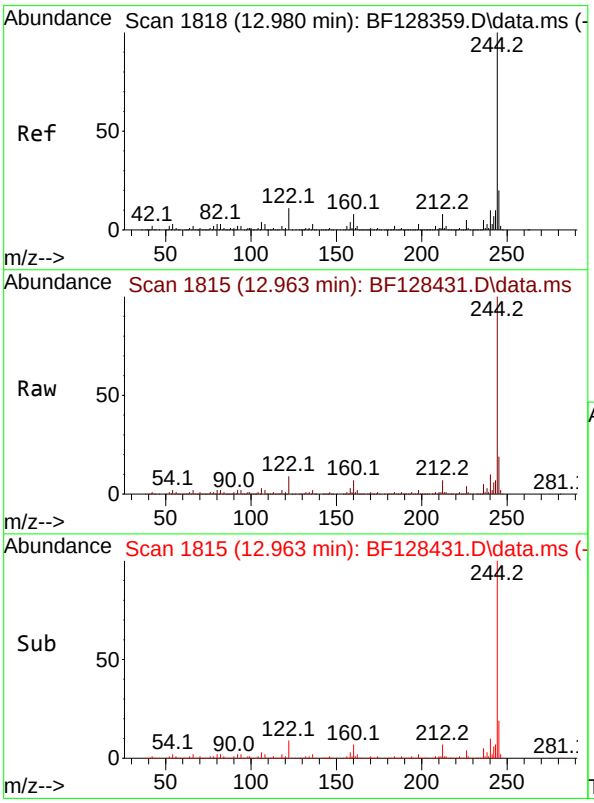
#77
Benzidine
Concen: 2.033 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion:184 Resp: 10290

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.1	18.1
183	8.0	9.0	13.4#

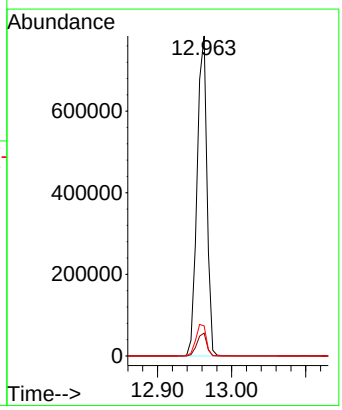


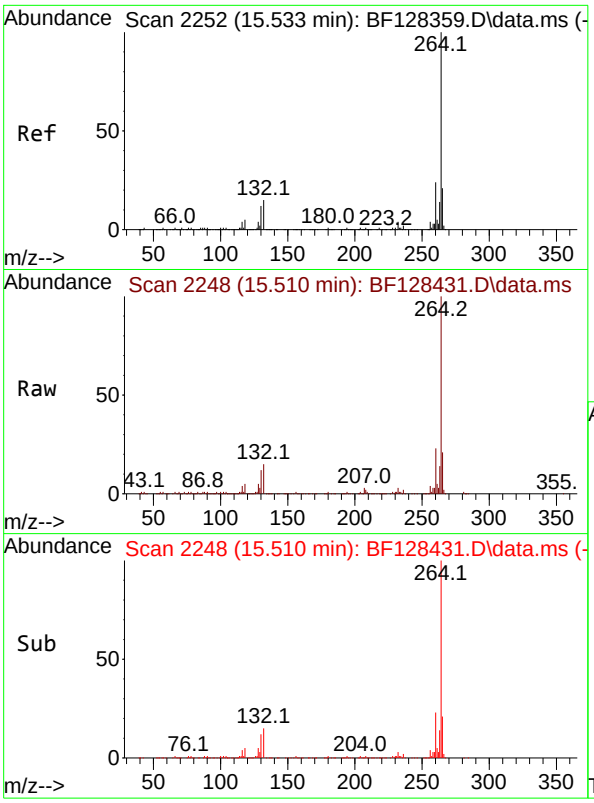


#79
Terphenyl-d14
Concen: 57.362 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:244 Resp: 723116

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	9.4	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion:264 Resp: 201392

Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.1	30.1
265	20.7	17.5	26.3