Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128012.D
Acq On : 29 Apr 2022 23:26
Operator : CG\JU
Sample : N2607-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Quant Time: May 02 00:59:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	113889	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394523	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	191208	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	323321	20.000	ng	0.00
76) Chrysene-d12	14.115	240	203604	20.000	ng	0.00
86) Perylene-d12	15.633	264	145911	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	294454	41.181	ng	-0.01
7) Phenol-d6	6.551	99	373325	40.238	ng	-0.01
23) Nitrobenzene-d5	7.486	82	243099	28.976	ng	-0.02
42) 2,4,6-Tribromophenol	10.763	330	76296	39.638	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	399689	35.363	ng	0.00
79) Terphenyl-d14	13.057	244	391086	35.123	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	34712	6.112	ng	# 83
25) Isophorone	7.486	82	243096	17.216	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	26492	9.542	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	26492	7.203	ng	# 26
78) Pyrene	12.686	202	34074	2.073	ng	94
88) Benzo(b)fluoranthene	15.174	252	20501	2.237	ng	# 40
89) Benzo(k)fluoranthene	15.174	252	20501	2.220	ng	# 38

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
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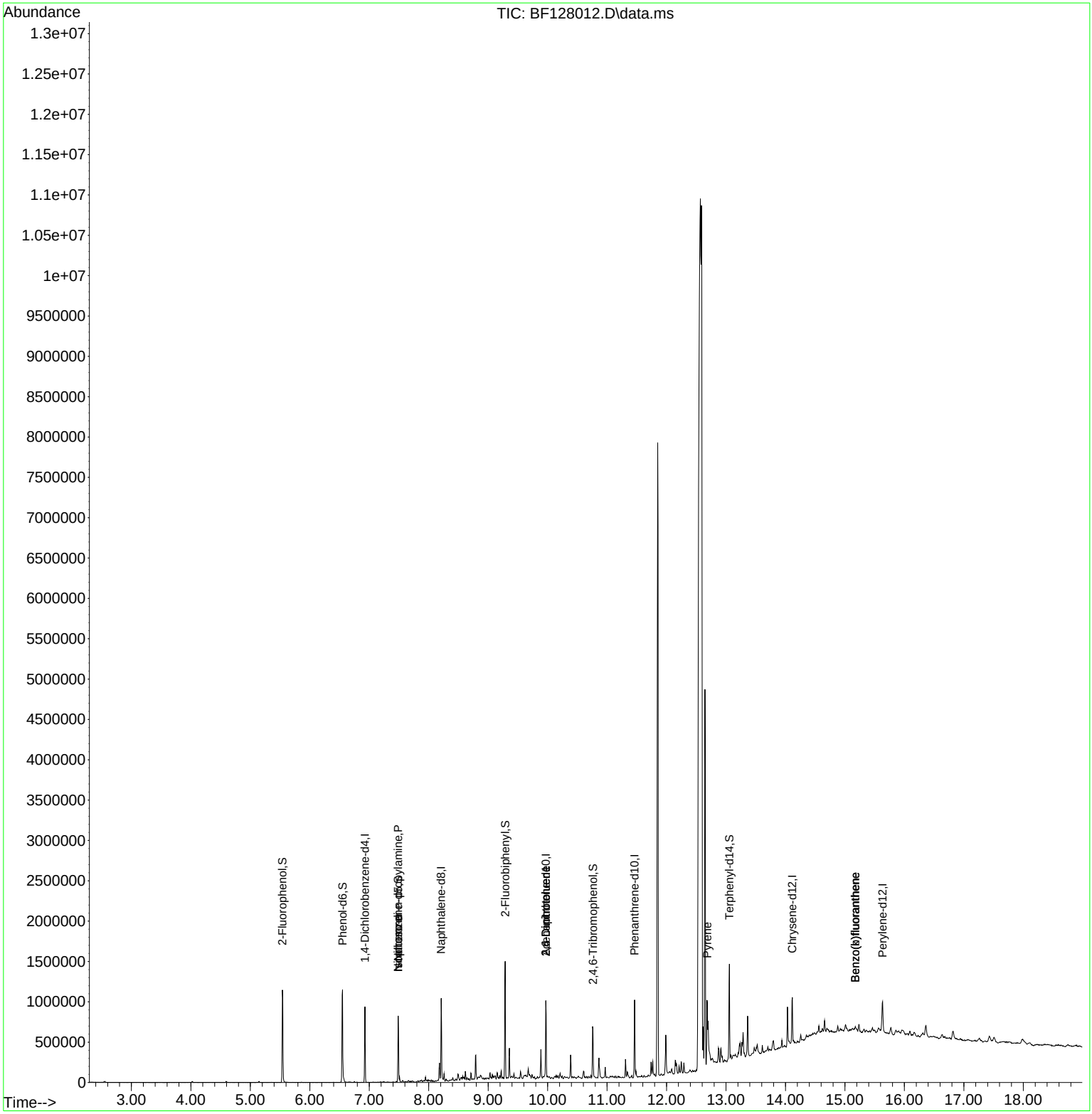
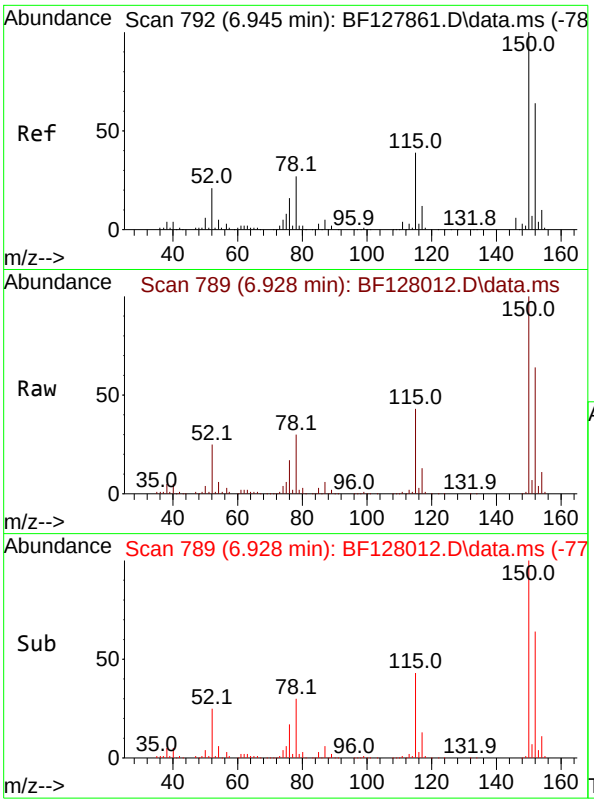


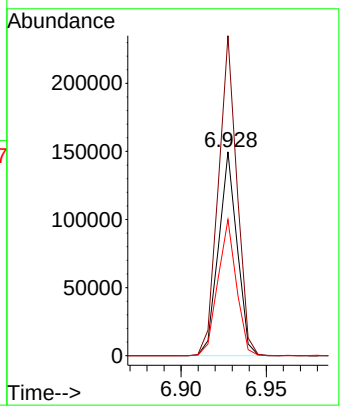


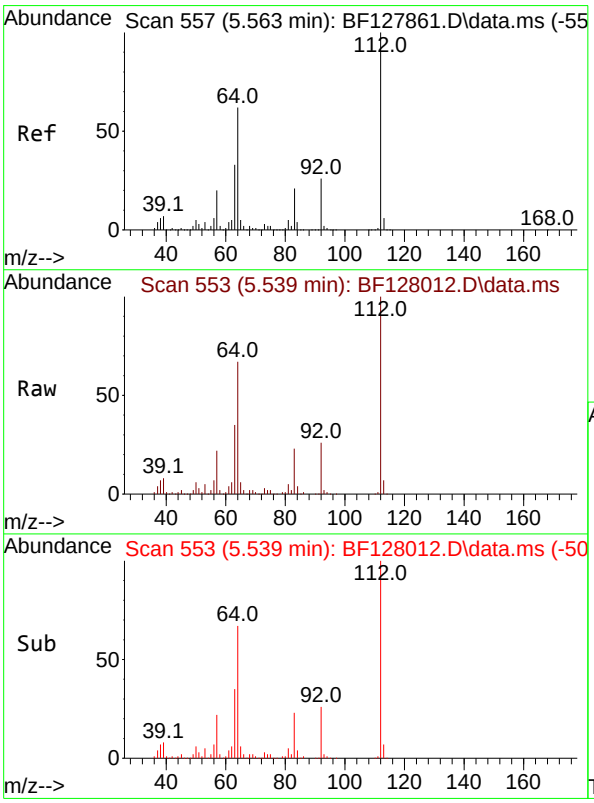
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:152 Resp: 113889

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.3	187.9
115	66.8	48.8	73.2

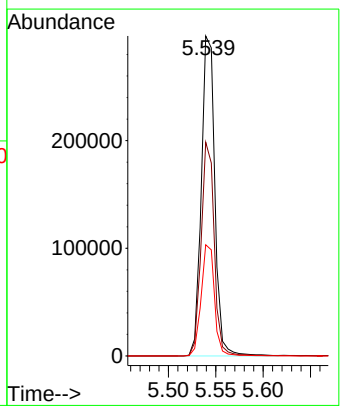


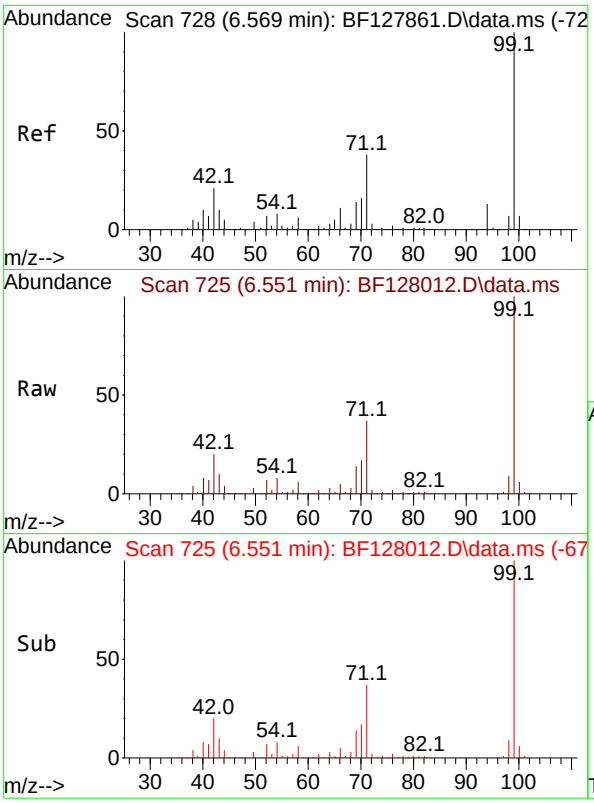


#5
2-Fluorophenol
Concen: 41.181 ng
RT: 5.539 min Scan# 553
Delta R.T. -0.012 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion:112 Resp: 294454

Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.5	74.3
63	34.8	26.3	39.5



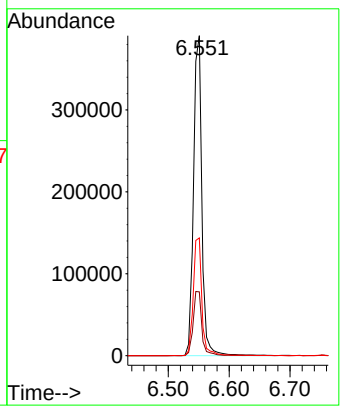


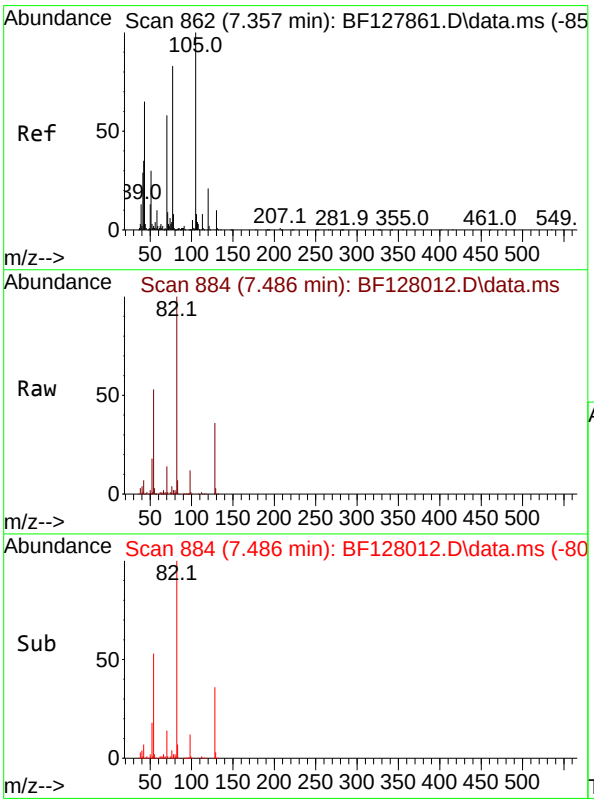
#7
Phenol-d6
Concen: 40.238 ng
RT: 6.551 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion: 99 Resp: 373325

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	24.8
71	36.8	30.0	45.0

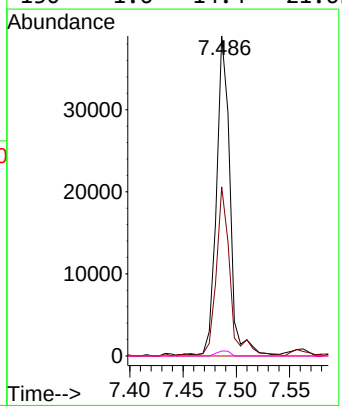


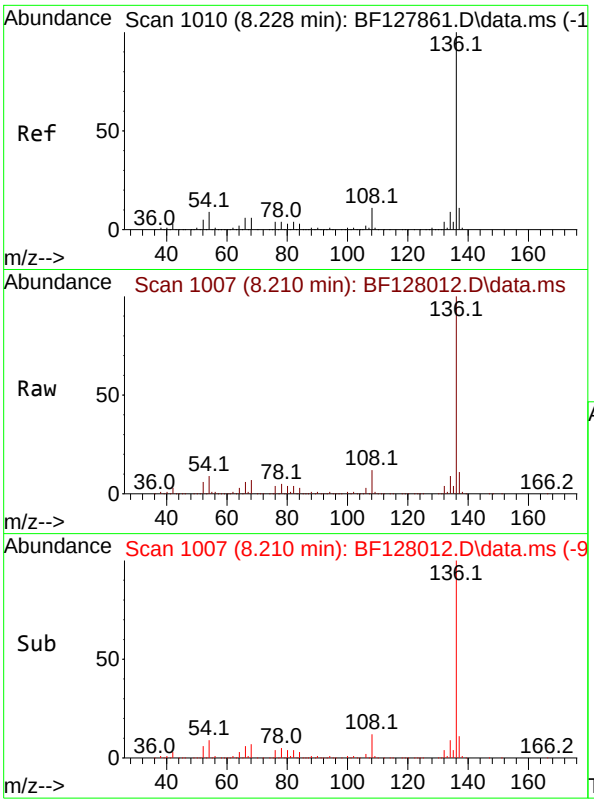


#19
n-Nitroso-di-n-propylamine
Concen: 6.112 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion: 70 Resp: 34712

Ion	Ratio	Lower	Upper
70	100		
42	52.8	48.7	73.1
101	0.0	7.2	10.8#
130	1.6	14.4	21.6#



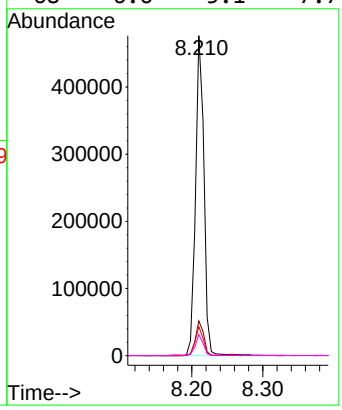


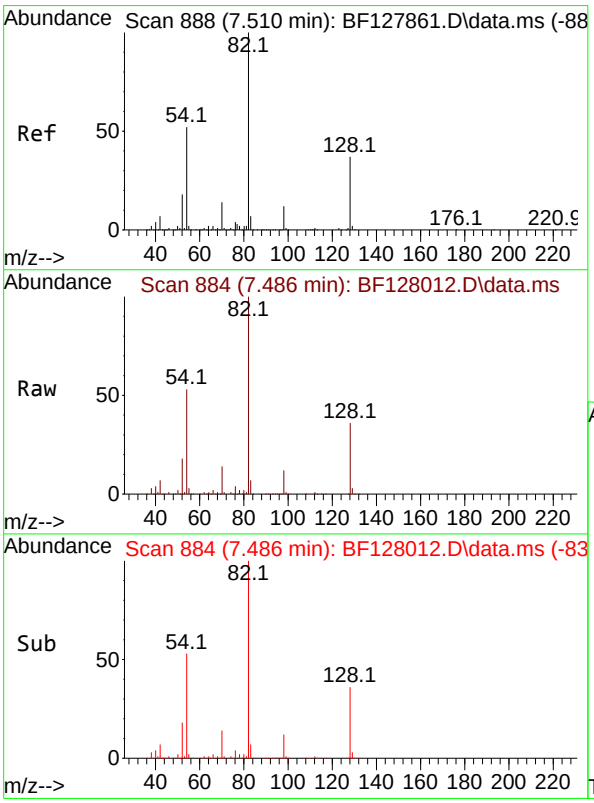
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:136 Resp: 394523

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	6.8	10.2
68	6.6	5.1	7.7

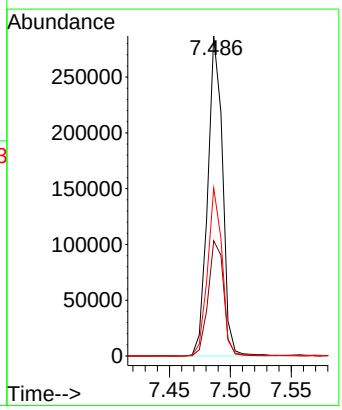


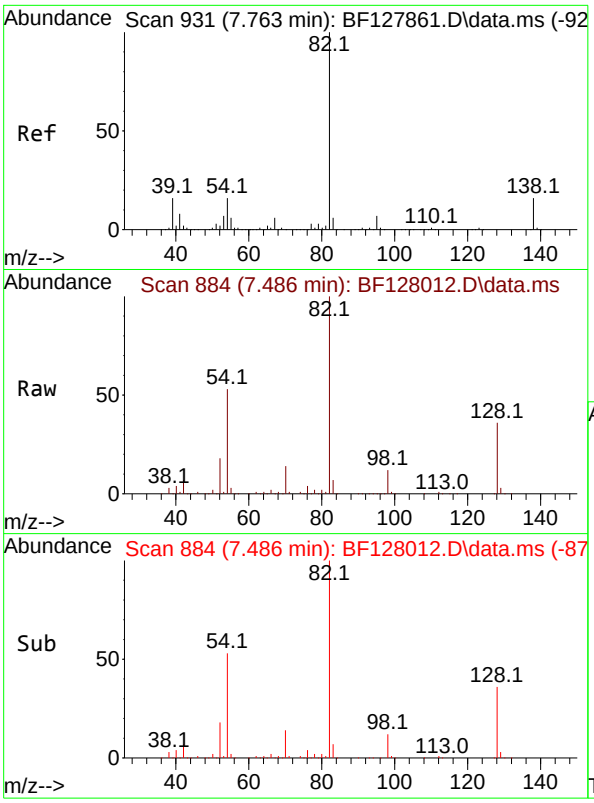


#23
Nitrobenzene-d5
Concen: 28.976 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion: 82 Resp: 243099

Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.0	45.0
54	52.5	41.3	61.9



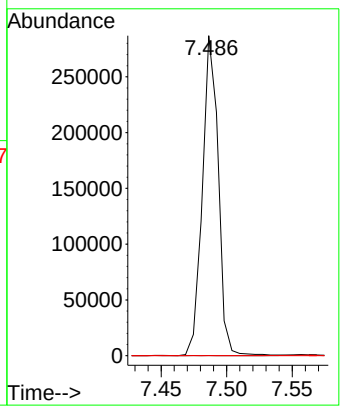


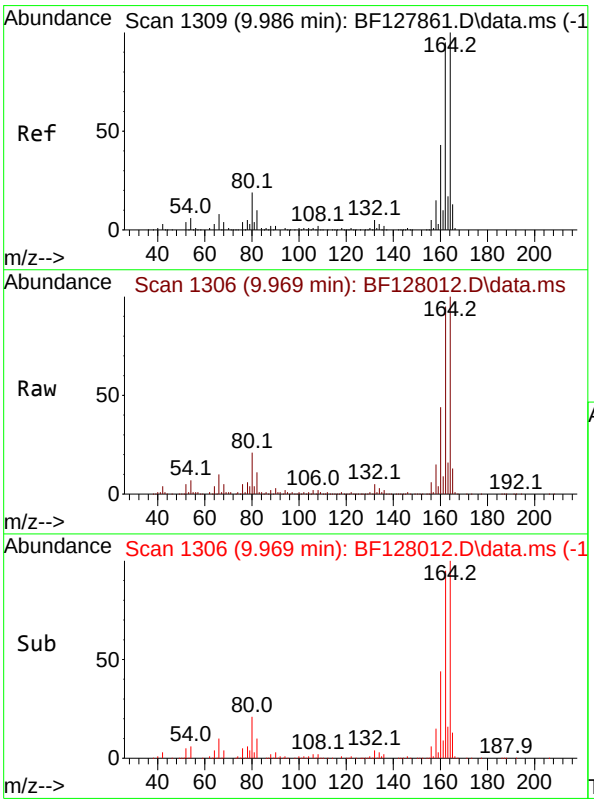
#25
Isophorone
Concen: 17.216 ng
RT: 7.486 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion: 82 Resp: 243096

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	12.5	18.7#

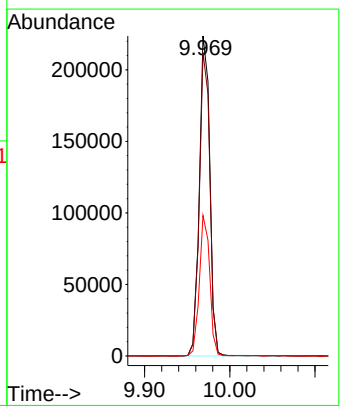


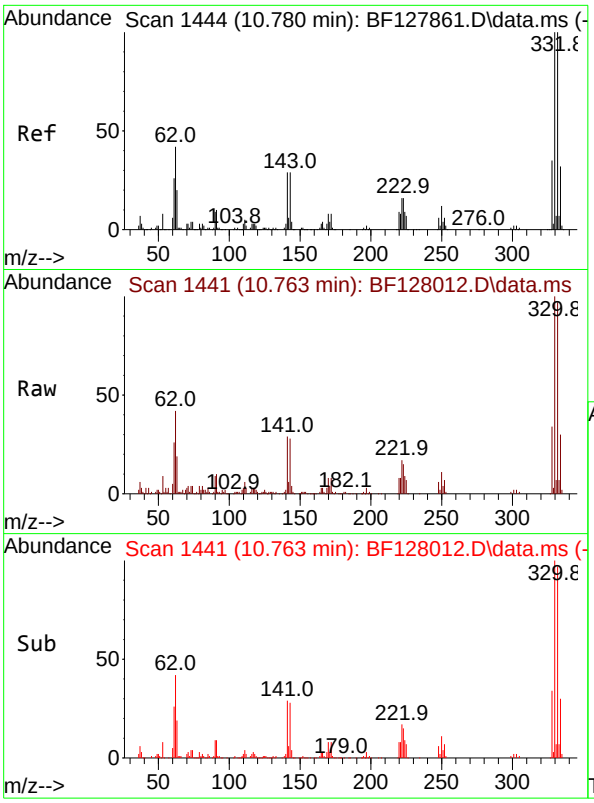


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion:164 Resp: 191208

Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.0	114.0
160	43.9	34.8	52.2



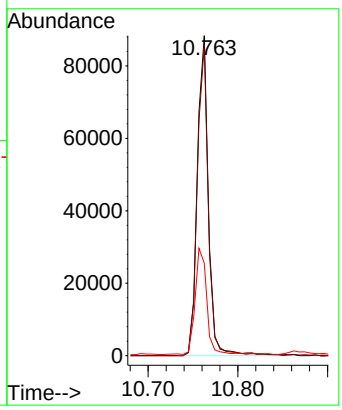


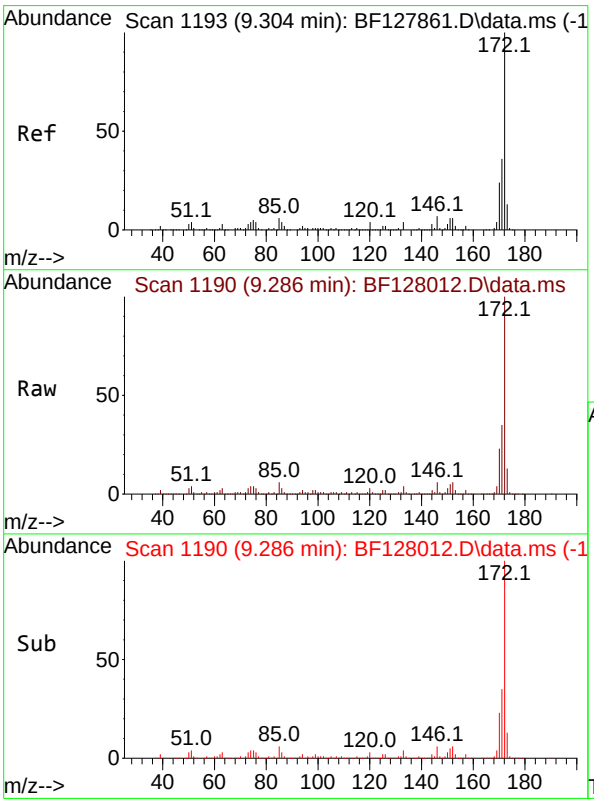
#42
2,4,6-Tribromophenol
Concen: 39.638 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:330 Resp: 76296

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	34.9	28.9	43.3

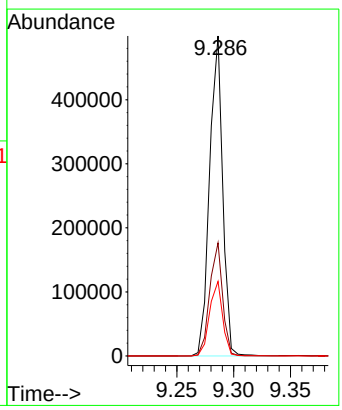


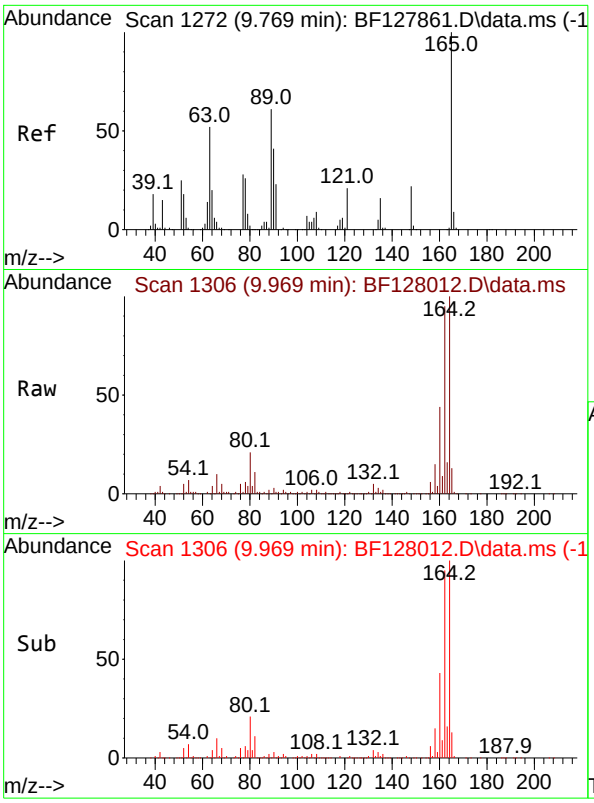


#45
2-Fluorobiphenyl
Concen: 35.363 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion:172 Resp: 399689

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.3	19.1	28.7



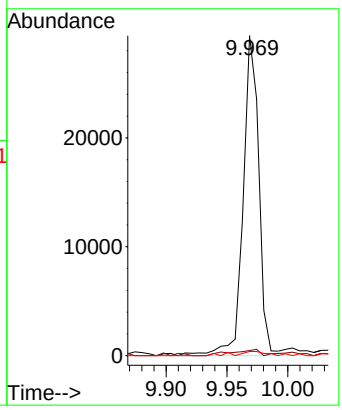


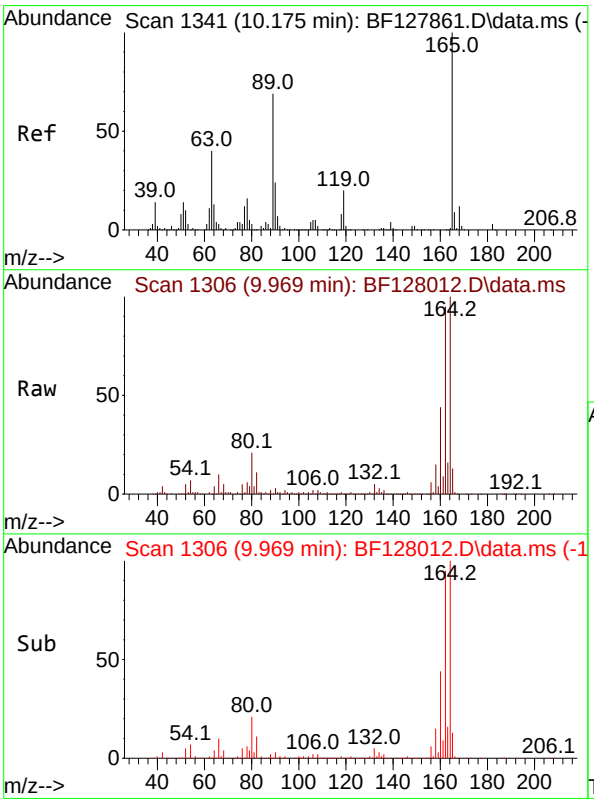
#51
2,6-Dinitrotoluene
Concen: 9.542 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:165 Resp: 26492

Ion	Ratio	Lower	Upper
165	100		
63	1.6	49.5	74.3#
89	1.3	49.0	73.4#

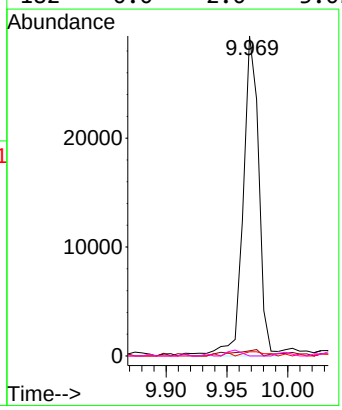


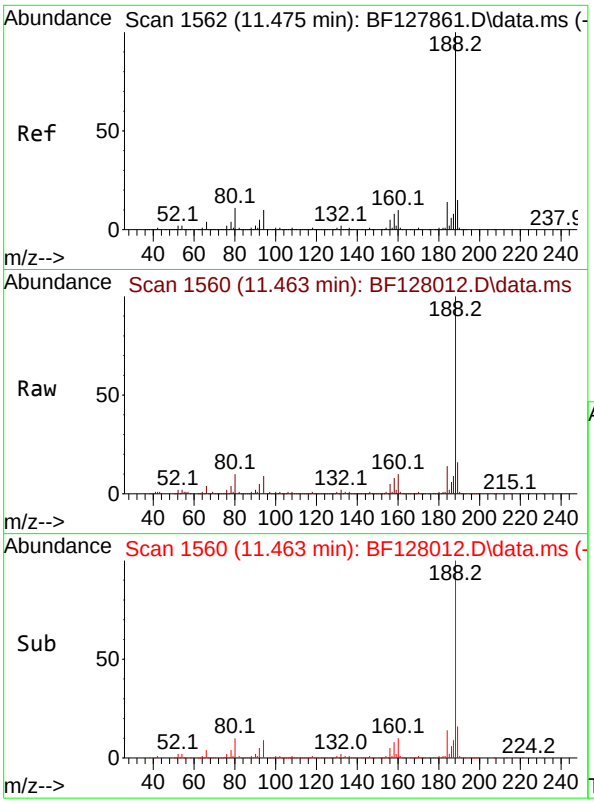


#57
2,4-Dinitrotoluene
Concen: 7.203 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion:165 Resp: 26492

Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.6	49.0#
89	1.3	55.2	82.8#
182	0.0	2.0	3.0#



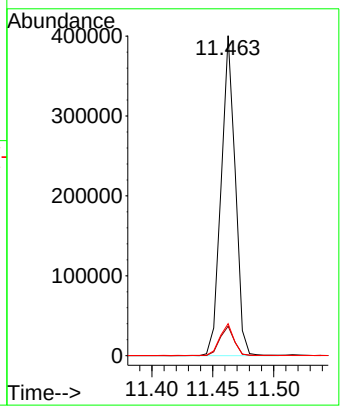


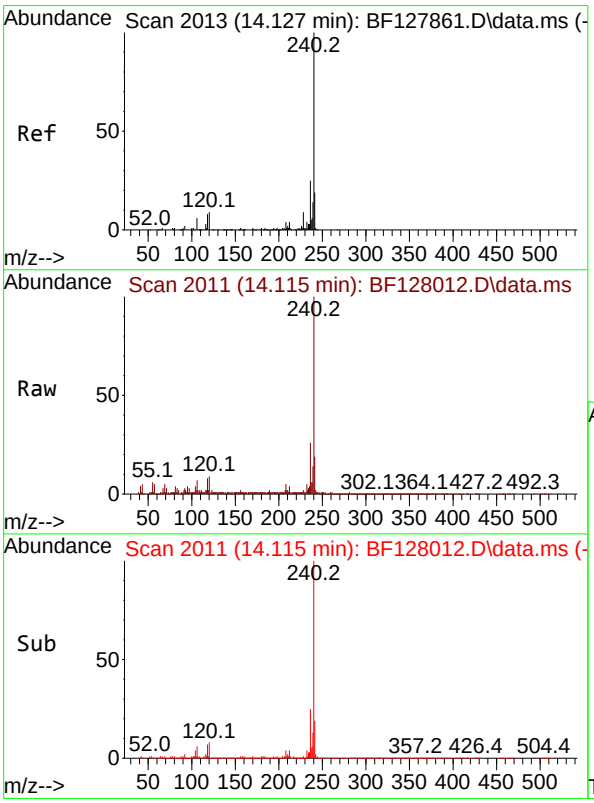
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:188 Resp: 323321

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.0	8.9	13.3

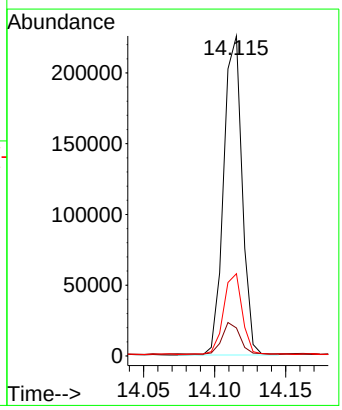


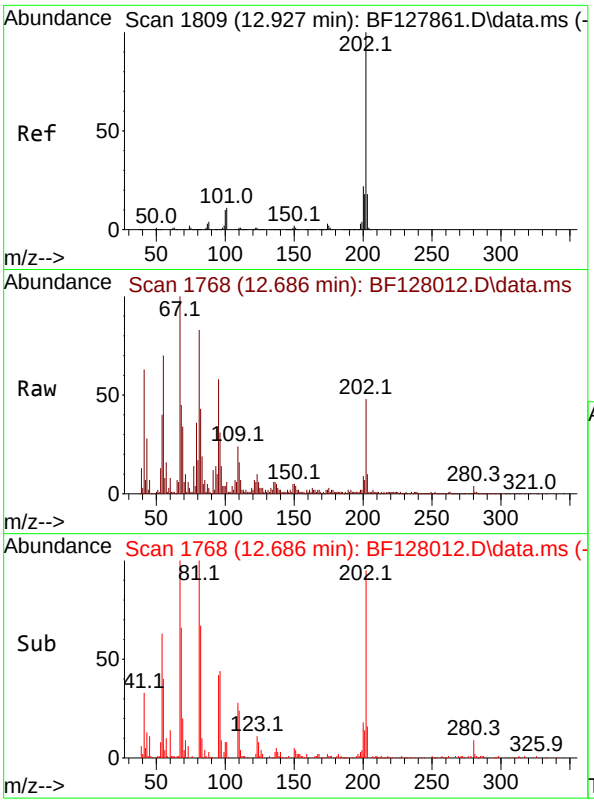


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion:240 Resp: 203604

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	25.7	20.3	30.5



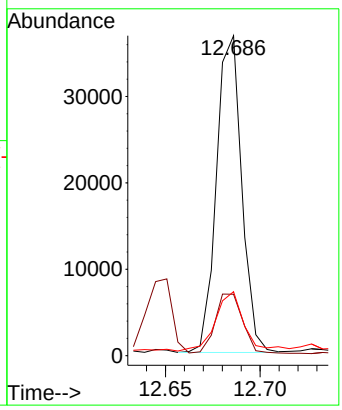


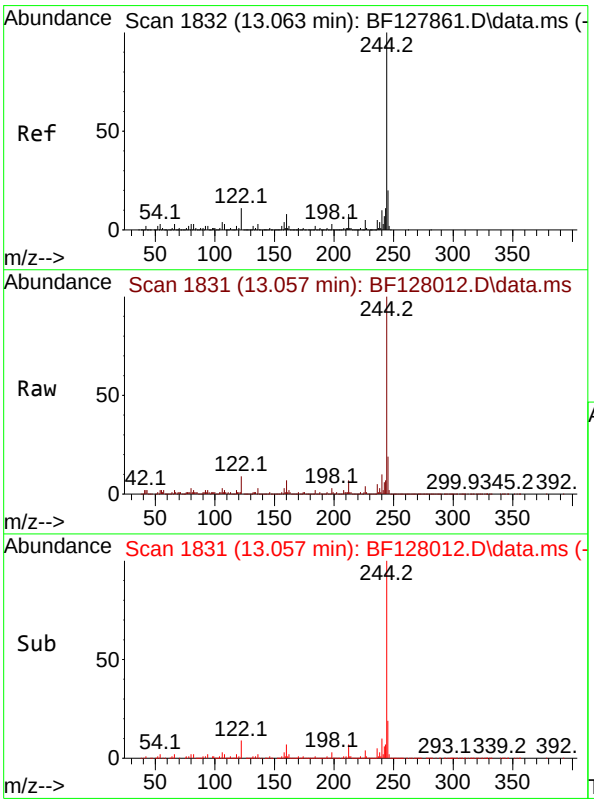
#78
Pyrene
Concen: 2.073 ng
RT: 12.686 min Scan# 1
Delta R.T. -0.230 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:202 Resp: 34074

Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.4	26.2
203	20.0	14.0	21.0

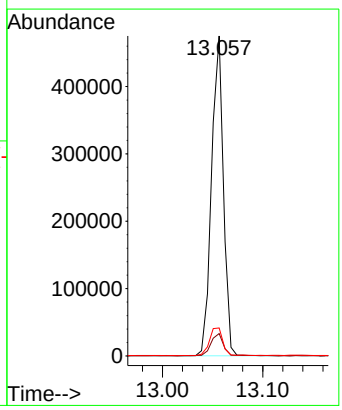


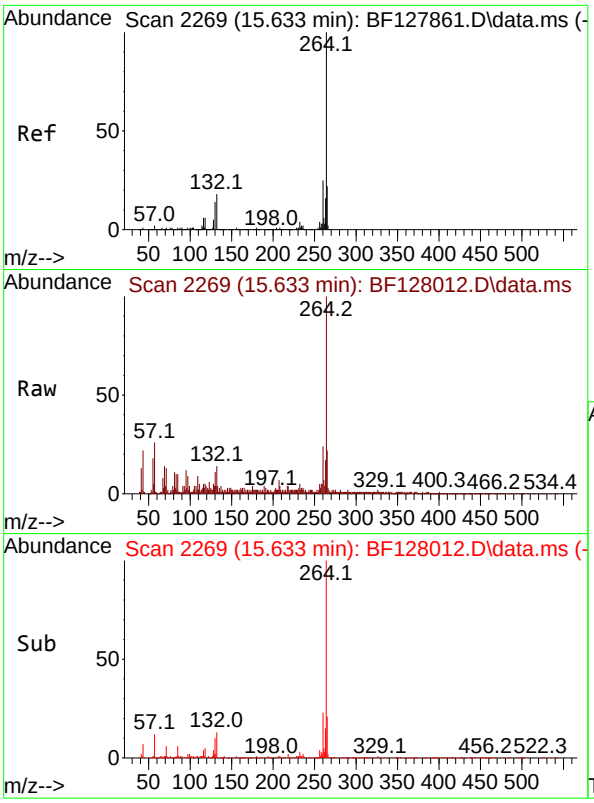


#79
Terphenyl-d14
Concen: 35.123 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion:244 Resp: 391086

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.4
122	8.8	8.6	12.8



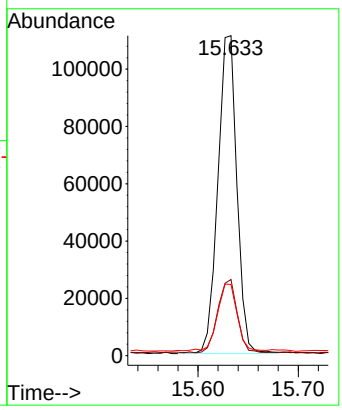


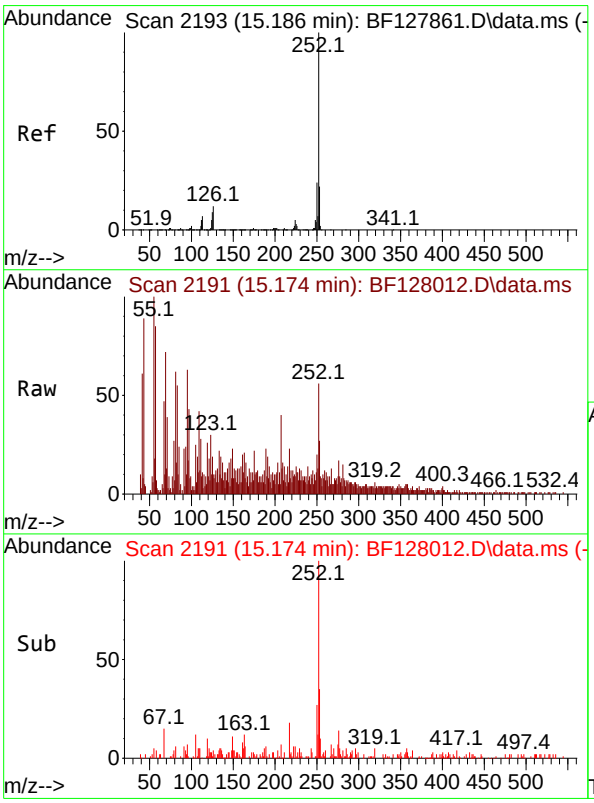
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:264 Resp: 145911

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	22.2	17.5	26.3

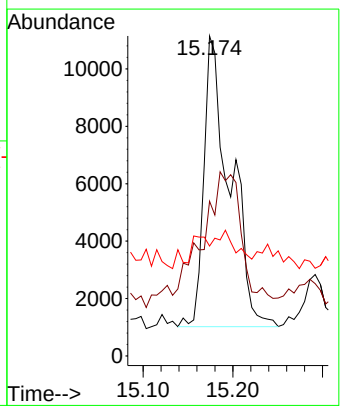


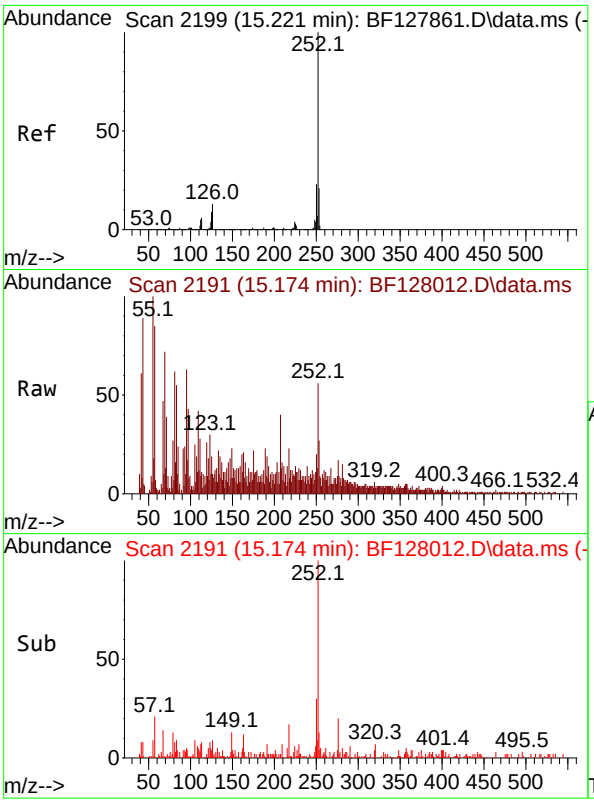


#88
Benzo(b)fluoranthene
Concen: 2.237 ng
RT: 15.174 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Tgt Ion:252 Resp: 20501

Ion	Ratio	Lower	Upper
252	100		
253	48.3	17.4	26.2#
125	34.4	7.4	11.2#





#89
Benzo(k)fluoranthene
Concen: 2.220 ng
RT: 15.174 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF128012.D
Acq: 29 Apr 2022 23:26

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:252 Resp: 20501

Ion	Ratio	Lower	Upper
252	100		
253	48.3	17.0	25.4#
125	34.4	6.8	10.2#