Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129548.D
Acq On : 03 Aug 2022 19:24
Operator : CG\JU
Sample : N4016-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-DS

Quant Time: Aug 04 02:20:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	130533	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	494707	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	221456	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	285982	20.000	ng	0.00
76) Chrysene-d12	14.039	240	276382	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	316505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	910762	113.659	ng	0.00
7) Phenol-d6	6.516	99	1117809	110.982	ng	0.00
23) Nitrobenzene-d5	7.434	82	710835	78.437	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	187595	88.109	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1100165	76.850	ng	0.00
79) Terphenyl-d14	12.980	244	768513	52.459	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	92843	15.226	ng	# 74
25) Isophorone	7.434	82	710827	43.758	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	28210	8.244	ng	# 25
57) 2,4-Dinitrotoluene	9.904	165	28210	6.311	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	11579	3.697	ng	# 1
88) Benzo(b)fluoranthene	15.086	252	49850	2.374	ng	# 92
89) Benzo(k)fluoranthene	15.086	252	49850	2.423	ng	# 92

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

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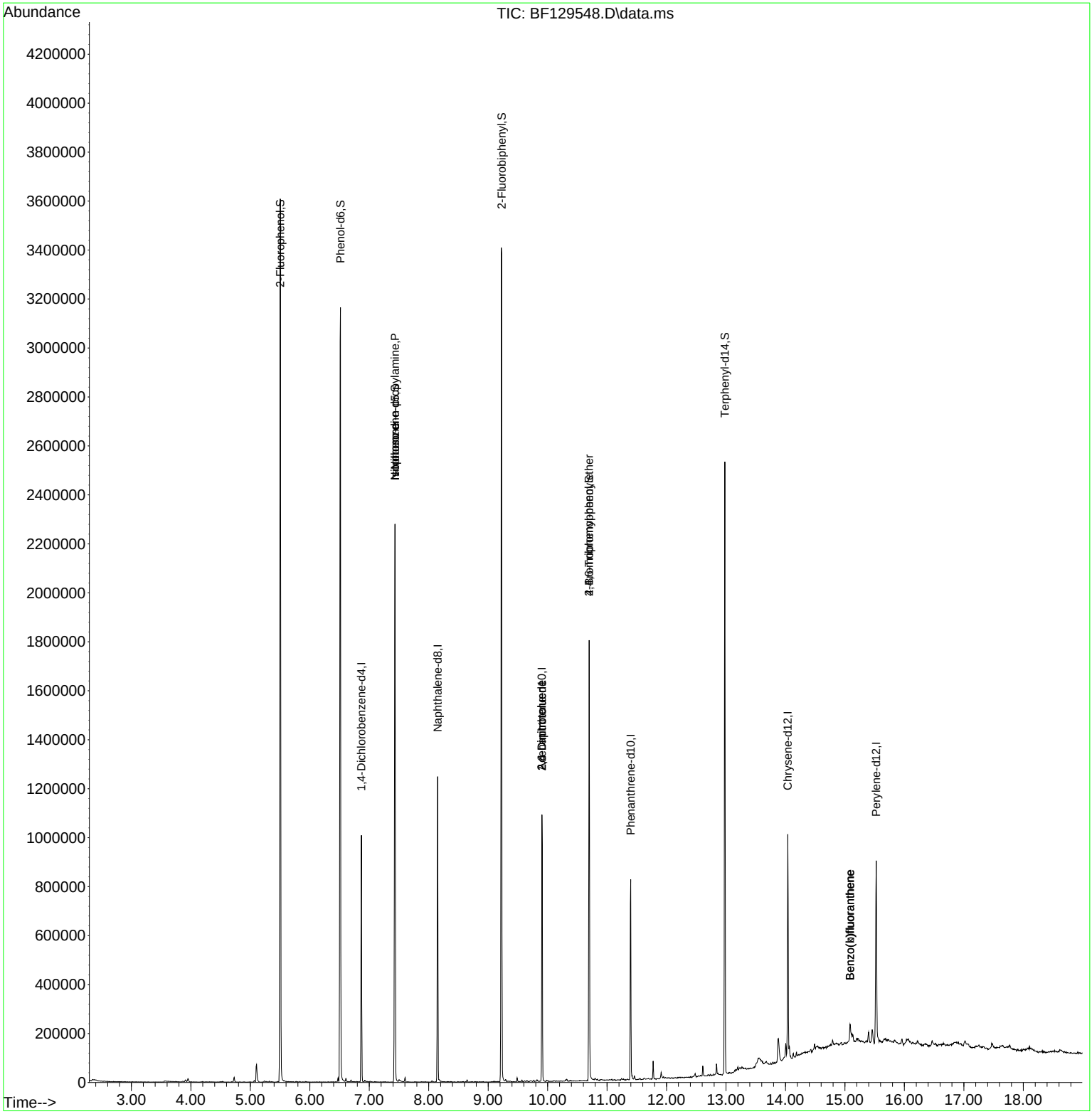
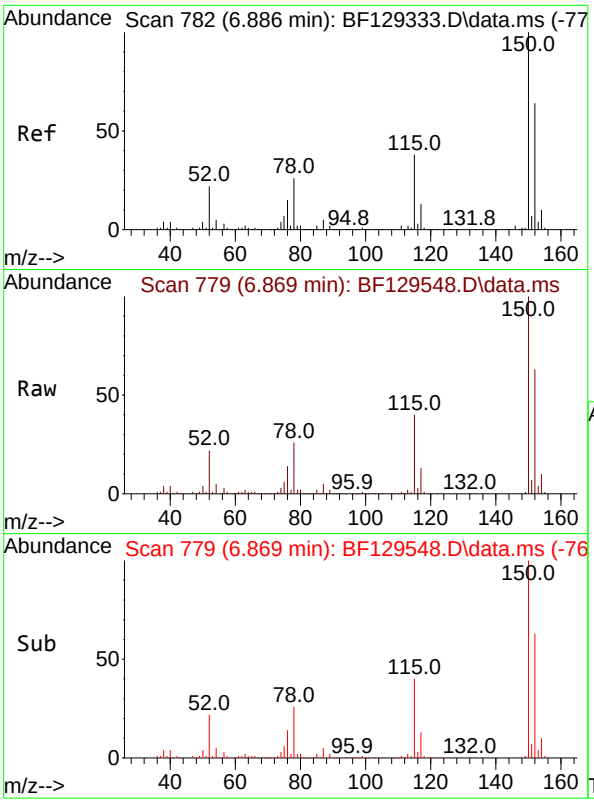


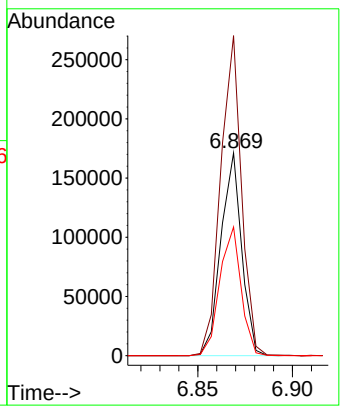


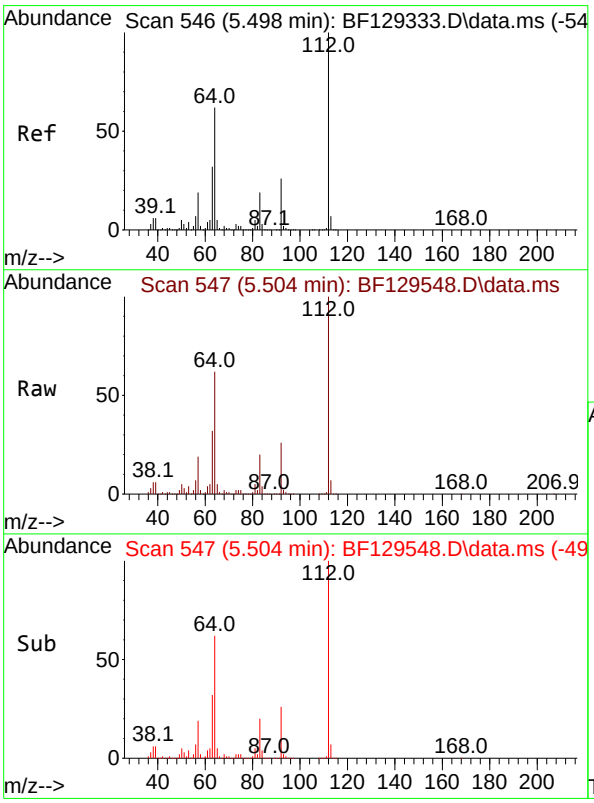
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:152 Resp: 130533

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.7	185.5
115	63.4	49.9	74.9

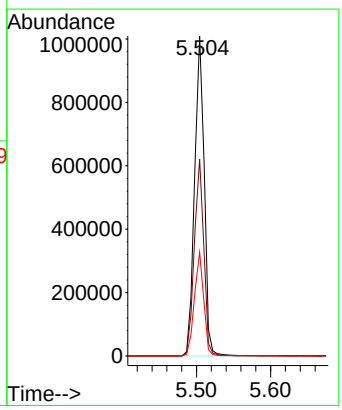


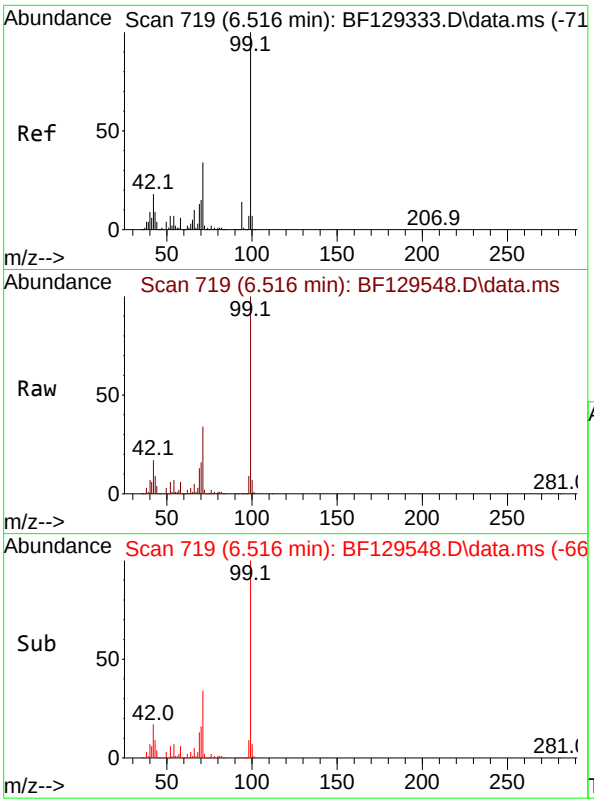


#5
2-Fluorophenol
Concen: 113.659 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:112 Resp: 910762

Ion	Ratio	Lower	Upper
112	100		
64	61.5	53.3	79.9
63	32.4	28.0	42.0



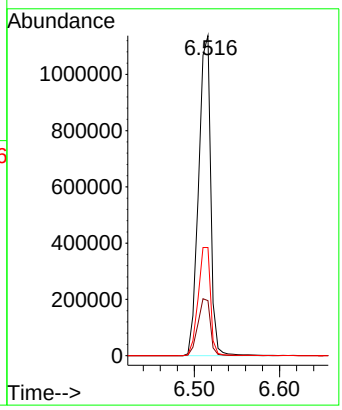


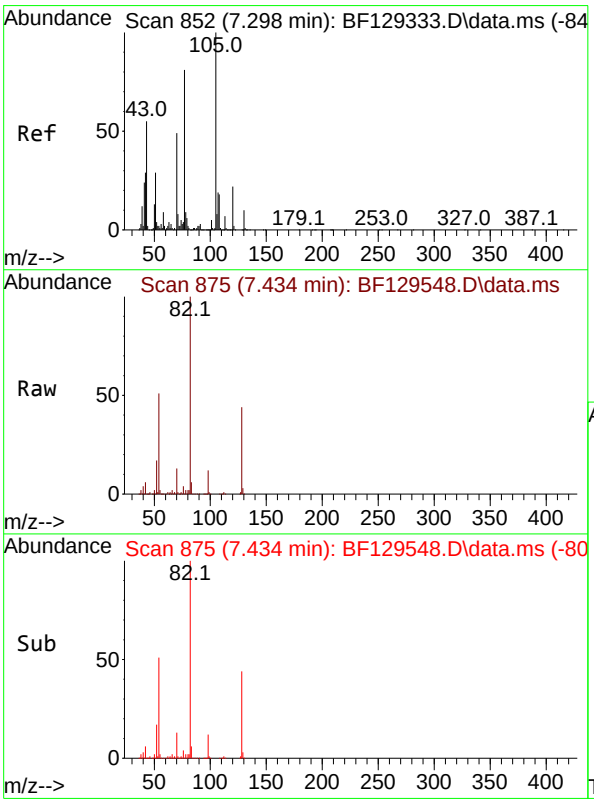
#7
Phenol-d6
Concen: 110.982 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion: 99 Resp: 1117809

Ion	Ratio	Lower	Upper
99	100		
42	17.2	17.3	25.9#
71	33.8	28.9	43.3

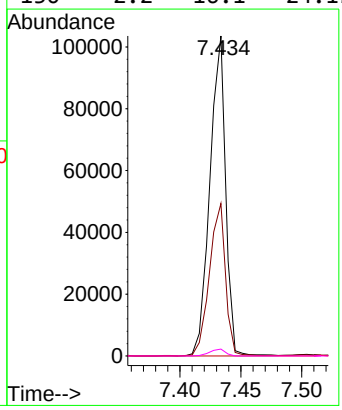


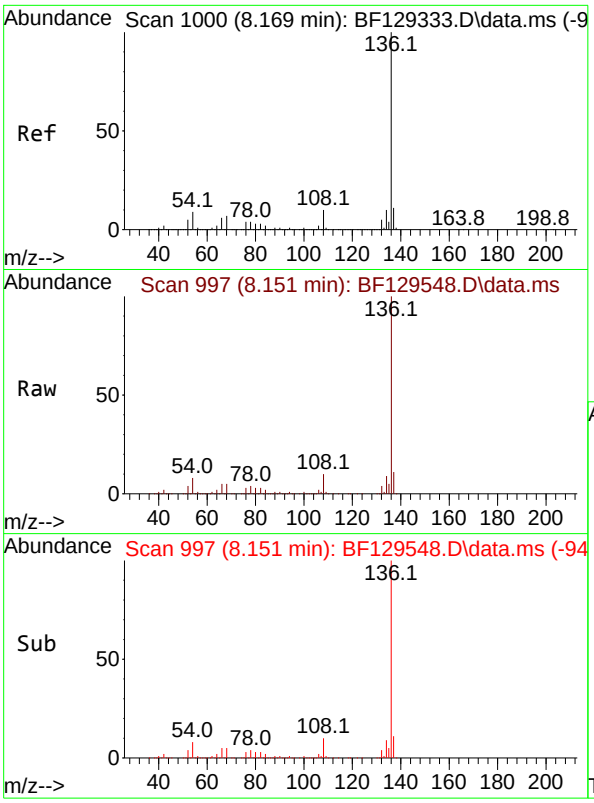


#19
n-Nitroso-di-n-propylamine
Concen: 15.226 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion: 70 Resp: 92843

Ion	Ratio	Lower	Upper
70	100		
42	47.7	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#



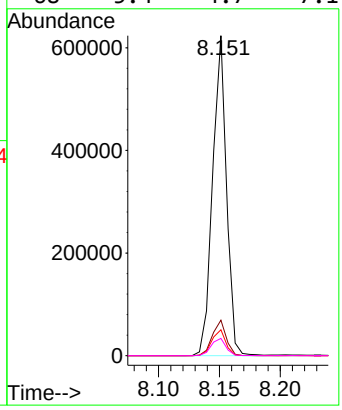


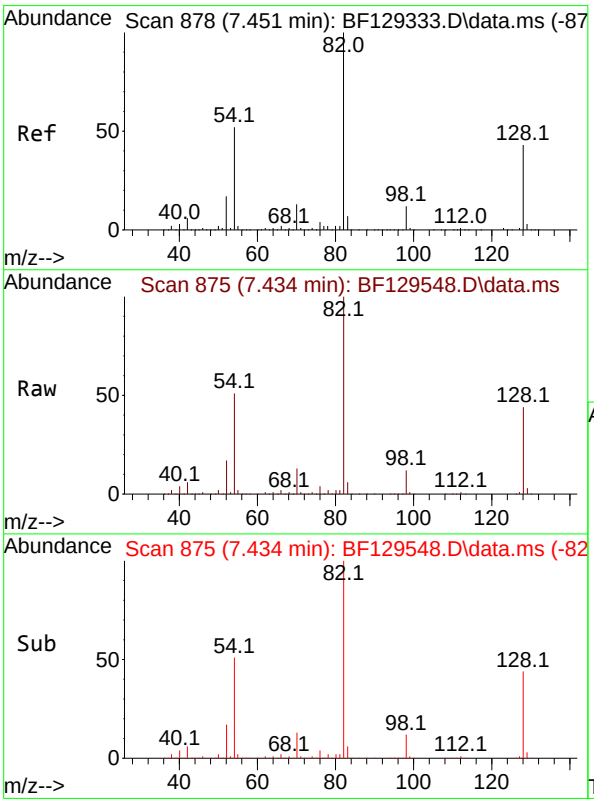
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:136 Resp: 494707

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.5	11.3
68	5.4	4.7	7.1

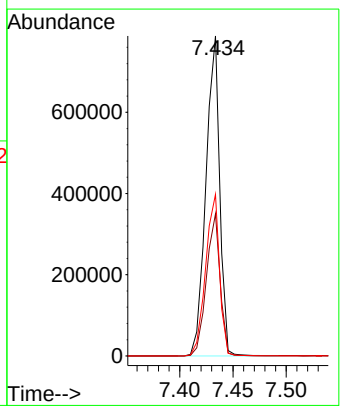


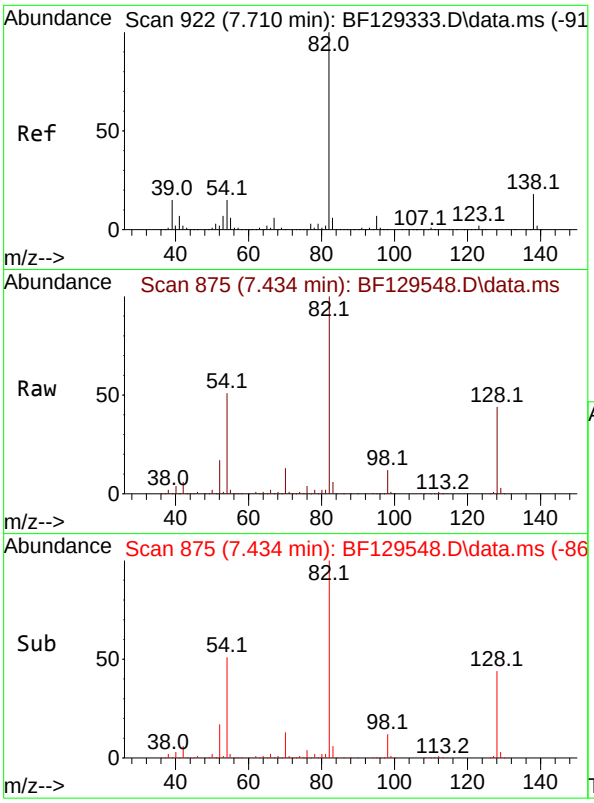


#23
Nitrobenzene-d5
Concen: 78.437 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion: 82 Resp: 710835

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	50.5	46.9	70.3



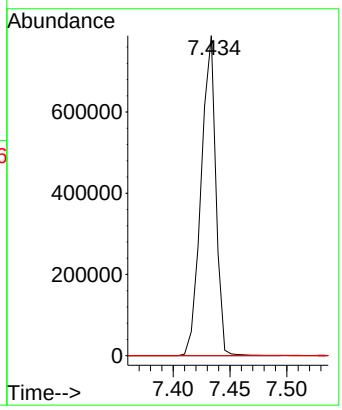


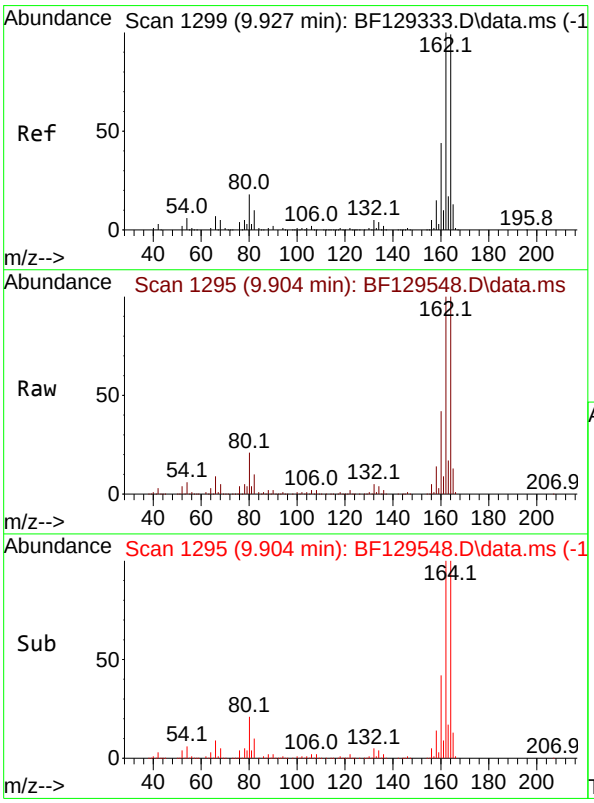
#25
Isophorone
Concen: 43.758 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion: 82 Resp: 710827

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.2#

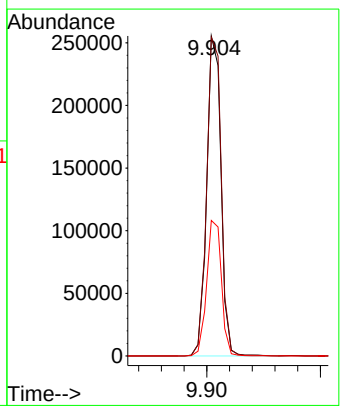


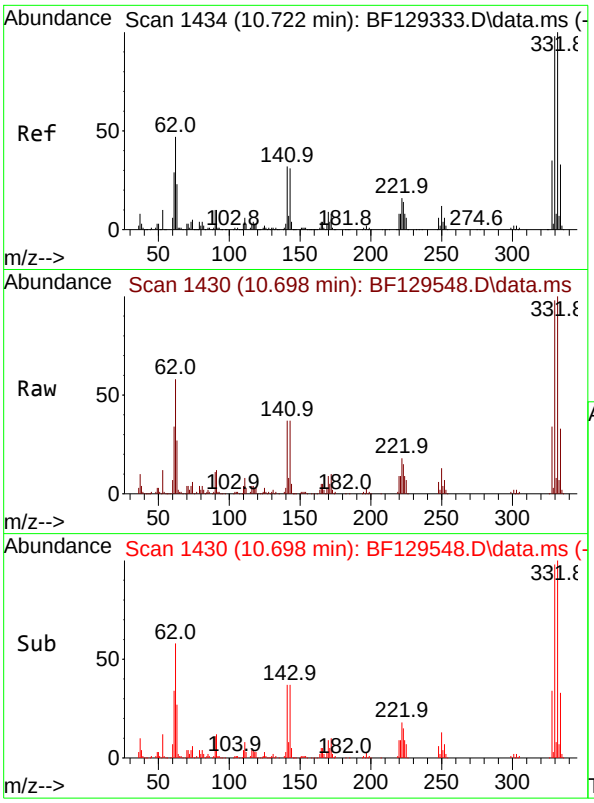


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:164 Resp: 221456

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.5	119.3
160	42.4	34.2	51.4



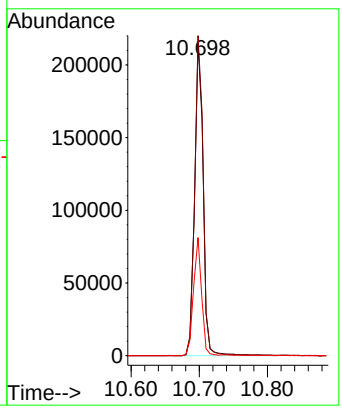


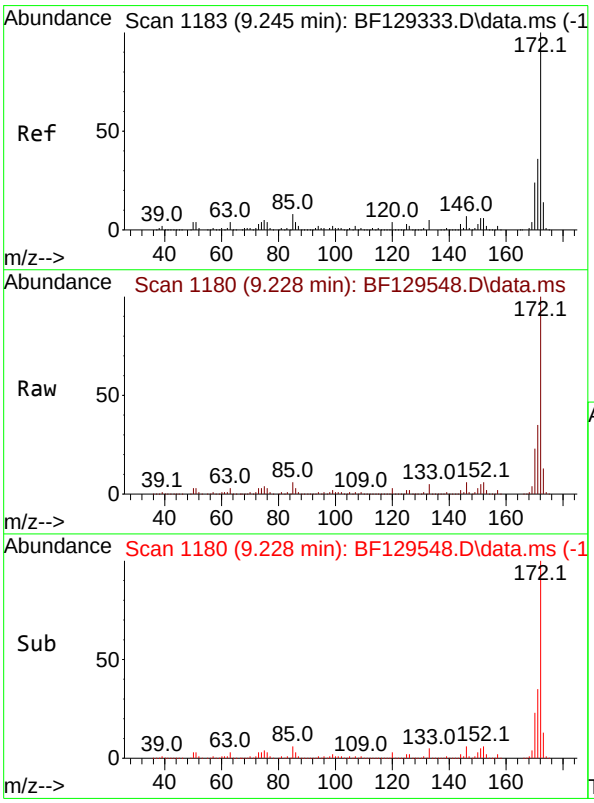
#42
2,4,6-Tribromophenol
Concen: 88.109 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:330 Resp: 187595

Ion	Ratio	Lower	Upper
330	100		
332	101.7	76.8	115.2
141	35.5	28.0	42.0

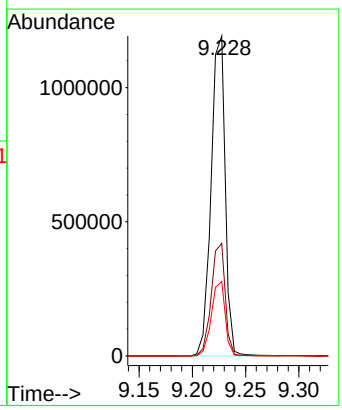


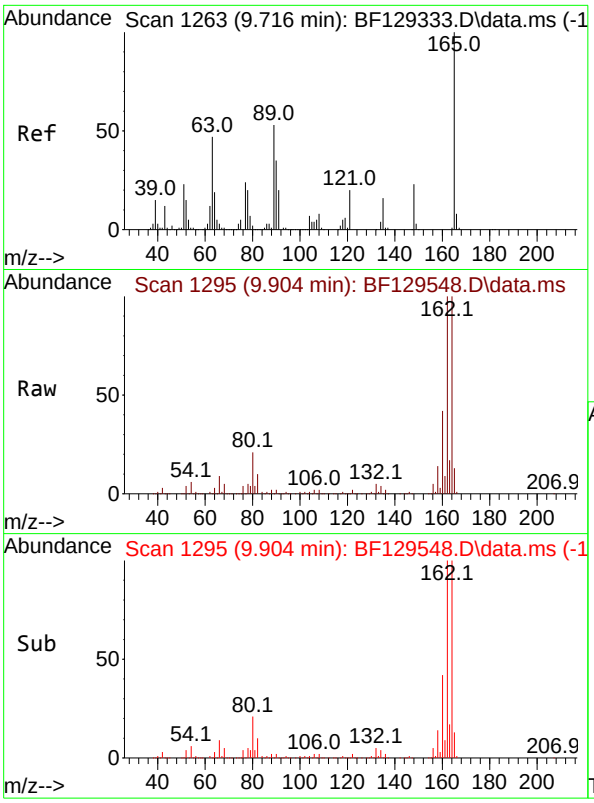


#45
2-Fluorobiphenyl
Concen: 76.850 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:172 Resp: 1100165

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.3	19.8	29.8



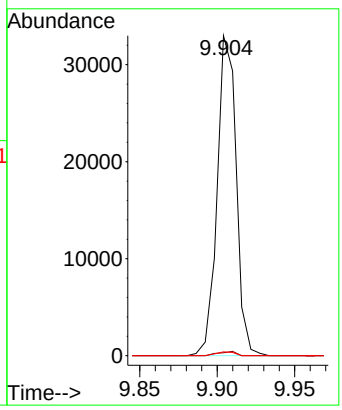


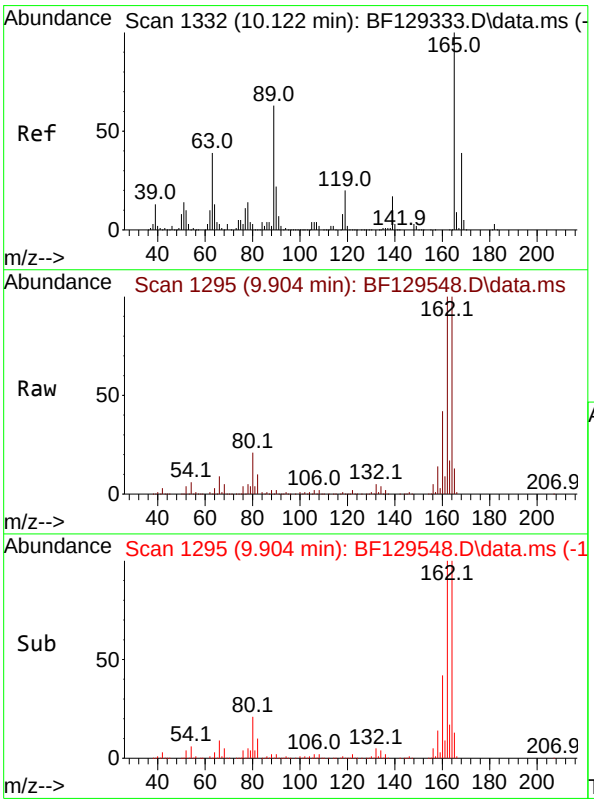
#51
2,6-Dinitrotoluene
Concen: 8.244 ng
RT: 9.904 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:165 Resp: 28210

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.9	67.3#
89	1.2	43.6	65.4#

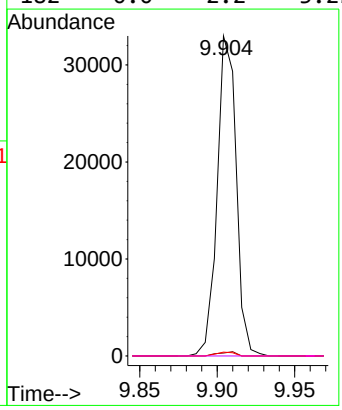


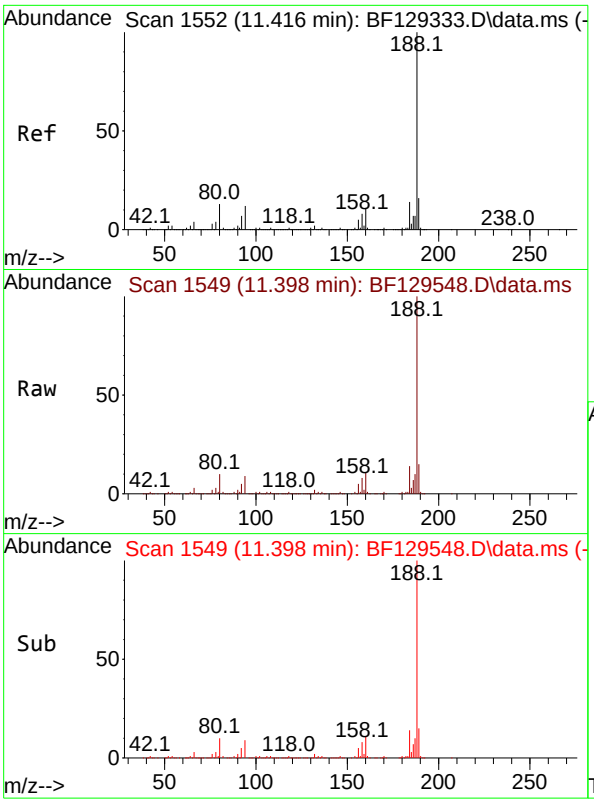


#57
2,4-Dinitrotoluene
Concen: 6.311 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:165 Resp: 28210

Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.8	59.6#
89	1.2	60.2	90.2#
182	0.0	2.2	3.2#



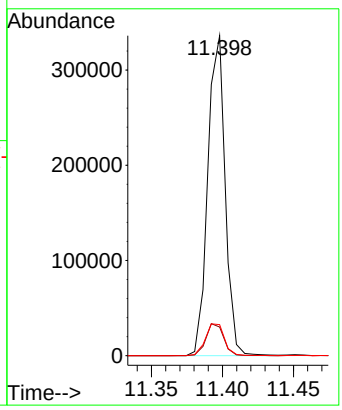


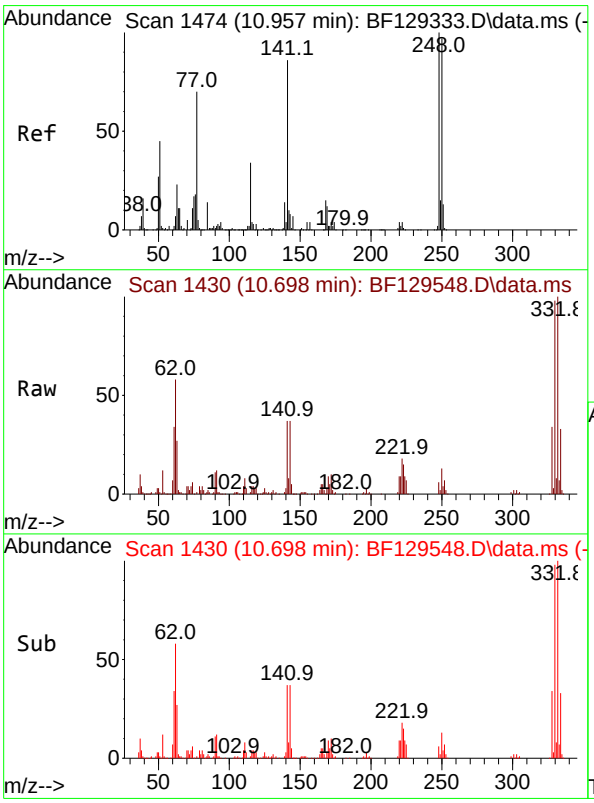
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:188 Resp: 285982

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.7	7.6	11.4

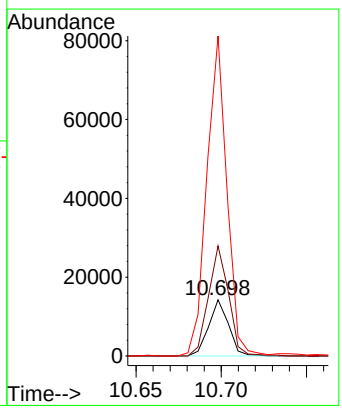


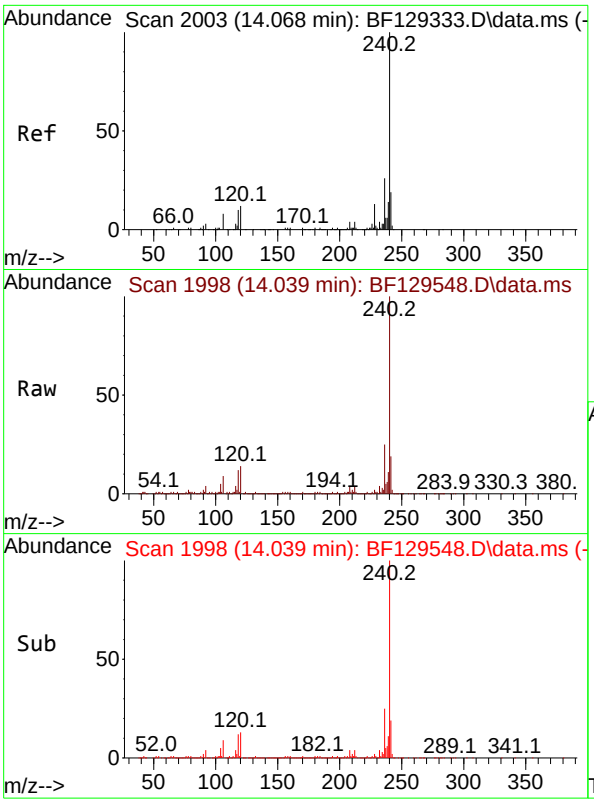


#67
4-Bromophenyl-phenylether
Concen: 3.697 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:248 Resp: 11579

Ion	Ratio	Lower	Upper
248	100		
250	195.8	80.6	120.8#
141	569.3	58.9	88.3#



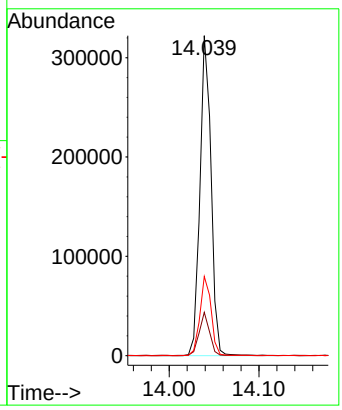


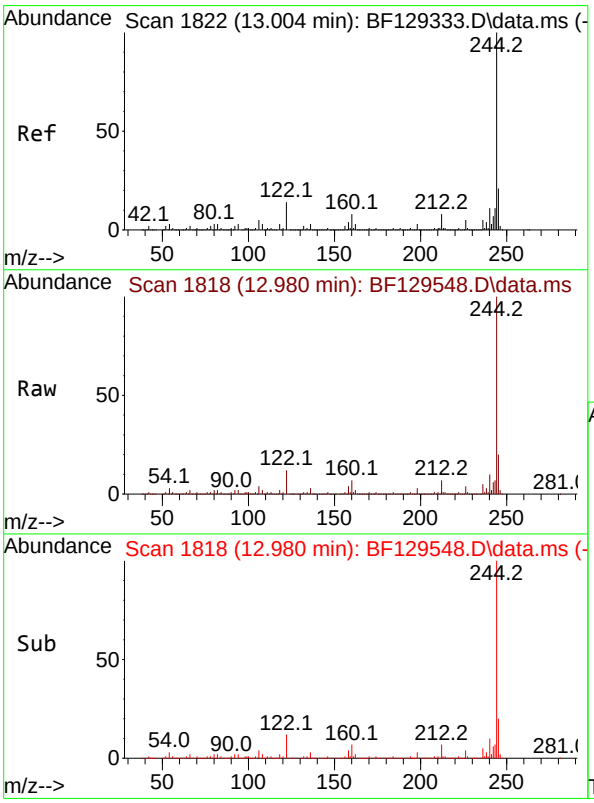
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:240 Resp: 276382

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.9	13.3#
236	24.8	20.8	31.2

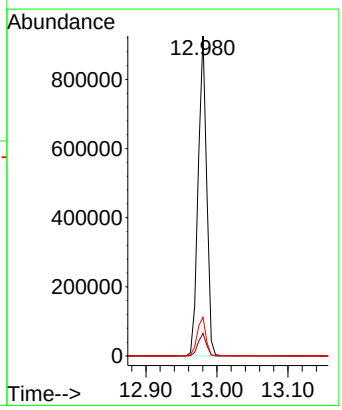


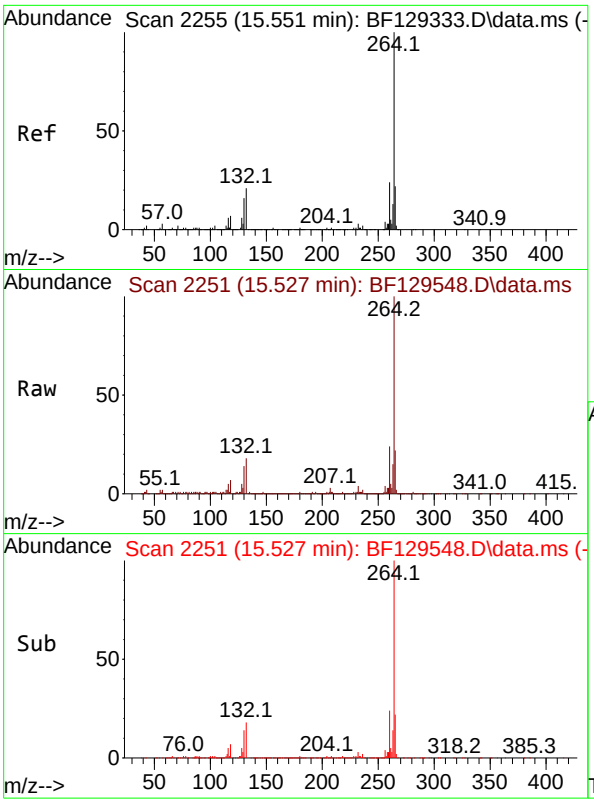


#79
Terphenyl-d14
Concen: 52.459 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:244 Resp: 768513

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.1	8.8	13.2



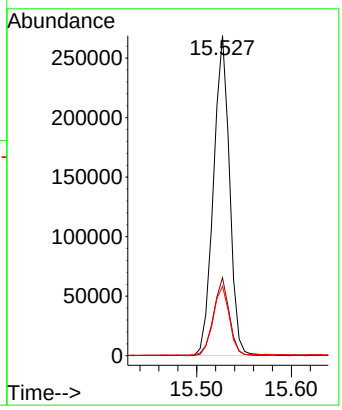


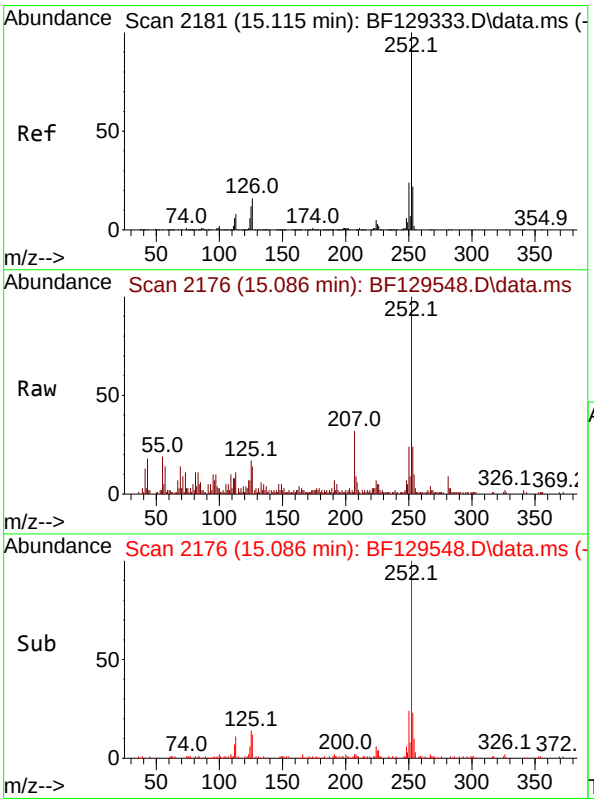
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:264 Resp: 316505

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	21.7	17.2	25.8

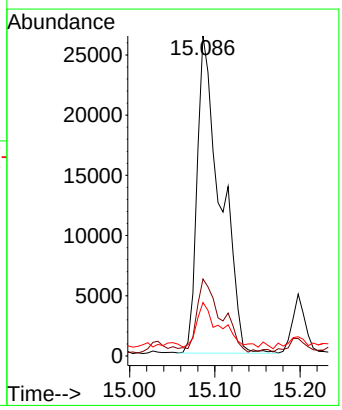


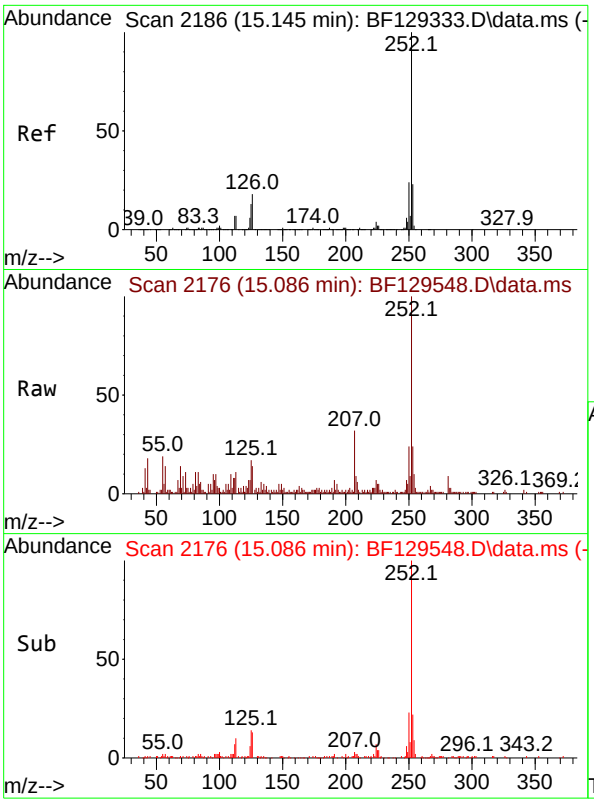


#88
Benzo(b)fluoranthene
Concen: 2.374 ng
RT: 15.086 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:252 Resp: 49850

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	16.7	8.0	12.0#





#89
Benzo(k)fluoranthene
Concen: 2.423 ng
RT: 15.086 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:252 Resp: 49850

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	16.7	8.3	12.5#