Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130687.D
Acq On : 17 Oct 2022 15:23
Operator : CG\JU
Sample : N5133-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Quant Time: Oct 18 03:21:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	91427	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	358249	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	187150	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	302490	20.000	ng	0.00
76) Chrysene-d12	13.715	240	155362	20.000	ng	0.00
86) Perylene-d12	15.086	264	167486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	264544	52.157	ng	0.00
7) Phenol-d6	6.222	99	206337	32.356	ng	0.00
23) Nitrobenzene-d5	7.145	82	521379	79.449	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	256051	139.823	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1034932	83.765	ng	0.00
79) Terphenyl-d14	12.668	244	825318	88.169	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.145	70	69907	16.991	ng	# 77
25) Isophorone	7.145	82	516413	47.281	ng	# 64
51) 2,6-Dinitrotoluene	9.604	165	24450	8.604	ng	# 25
57) 2,4-Dinitrotoluene	9.604	165	24450	6.694	ng	# 15
67) 4-Bromophenyl-phenylether	10.392	248	15210	4.444	ng	# 1
77) Benzidine	12.668	184	11865	3.021	ng	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
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Sample : N5133-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Quant Time: Oct 18 03:21:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
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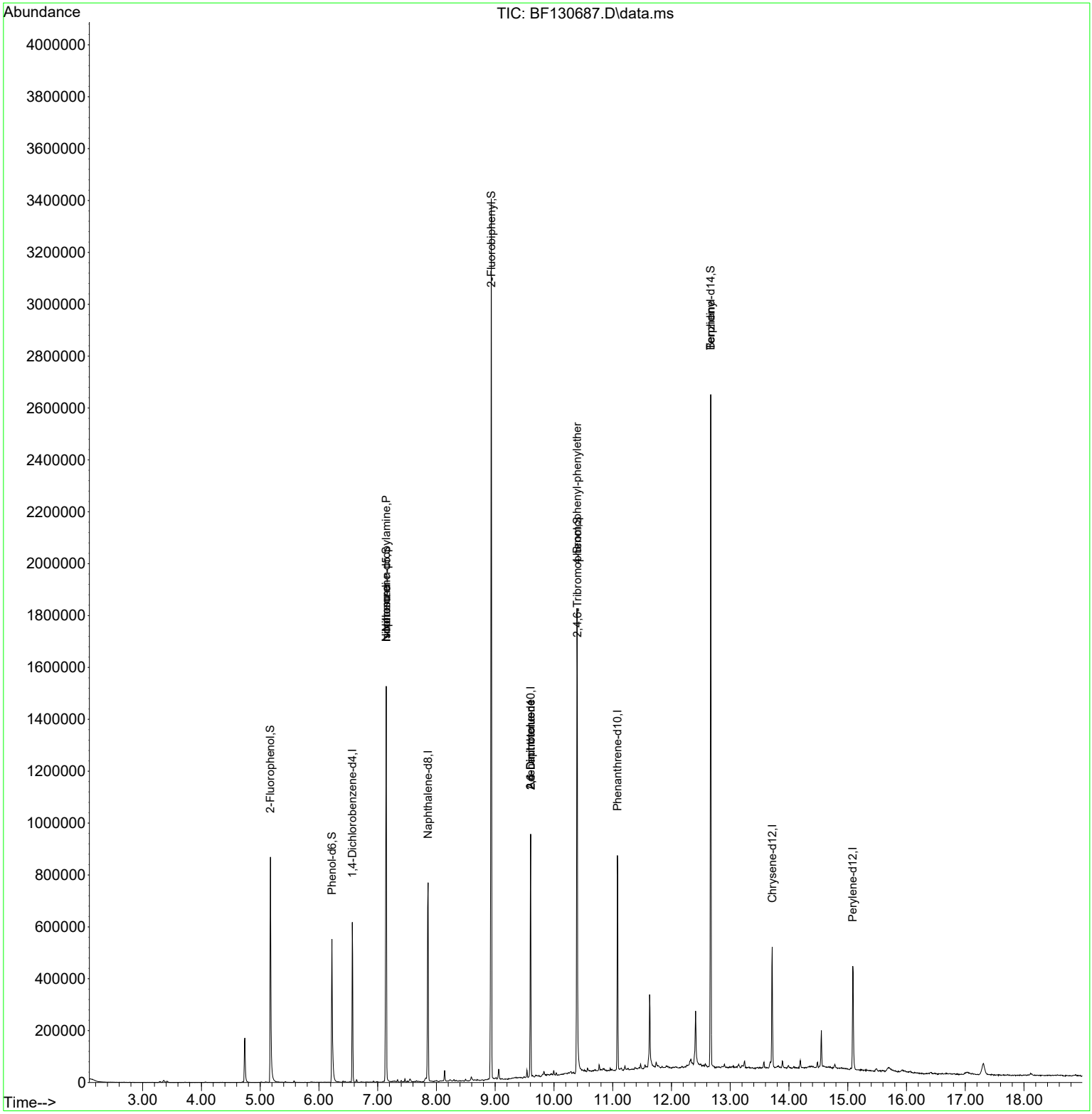
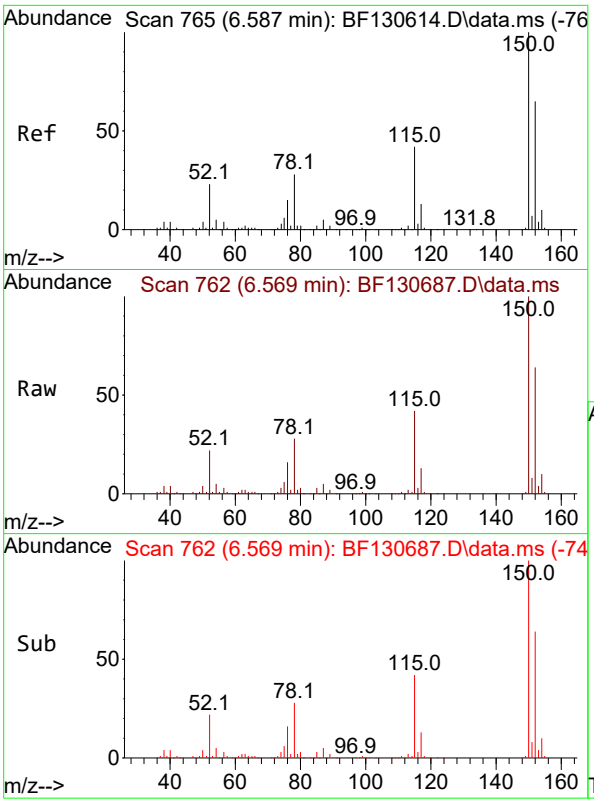


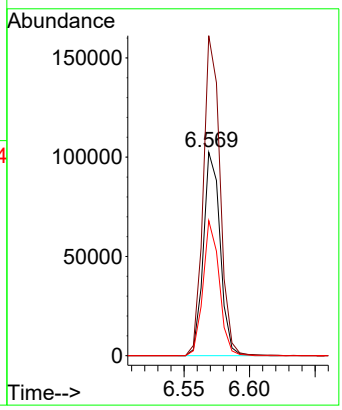


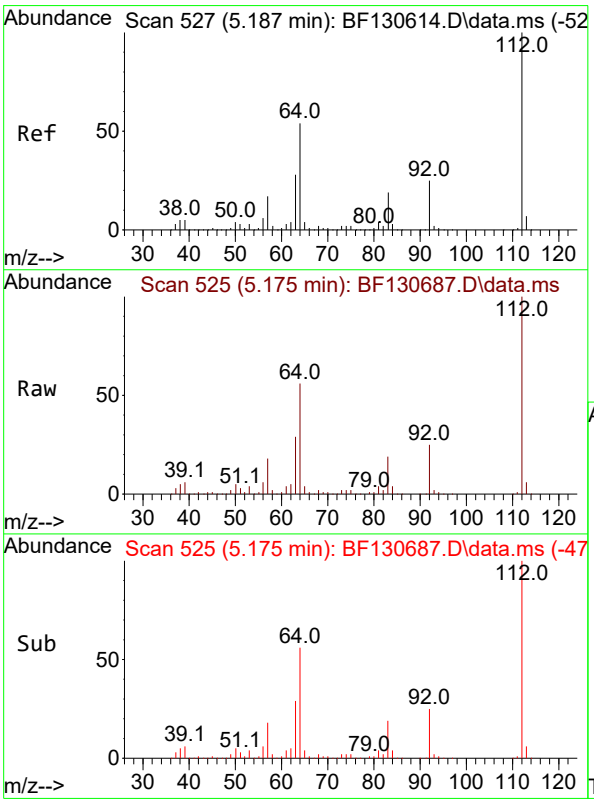
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion:152 Resp: 91427

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	66.4	52.2	78.4

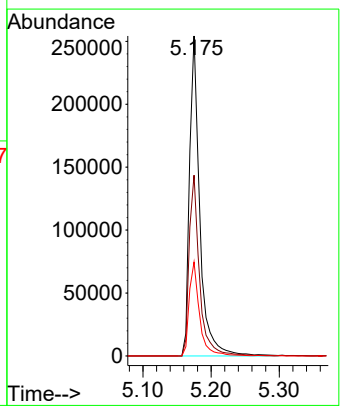


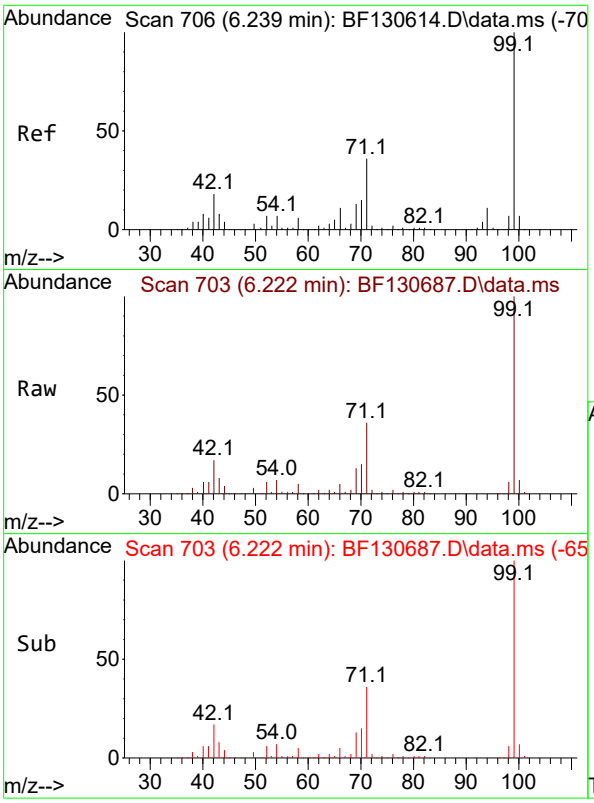


#5
2-Fluorophenol
Concen: 52.157 ng
RT: 5.175 min Scan# 525
Delta R.T. 0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion:112 Resp: 264544

Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.5	65.3
63	29.3	22.6	34.0



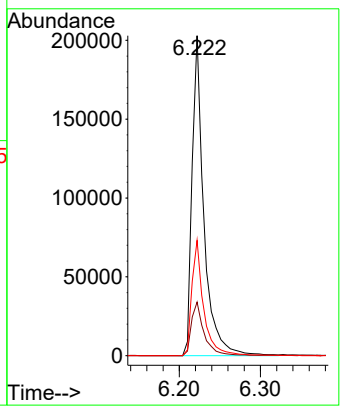


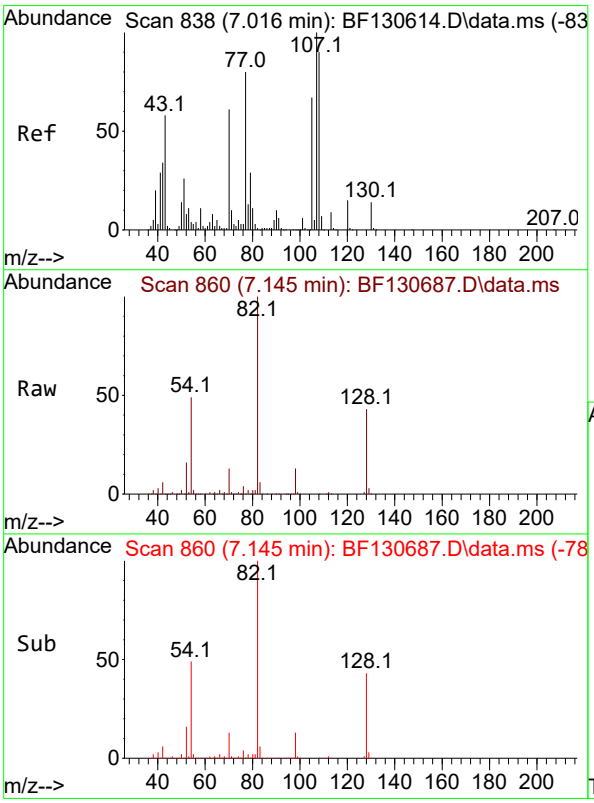
#7
Phenol-d6
Concen: 32.356 ng
RT: 6.222 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion: 99 Resp: 206337

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.0	21.0
71	36.0	28.8	43.2

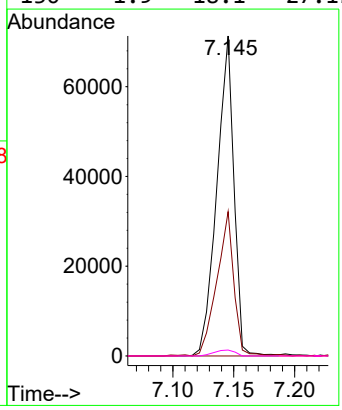


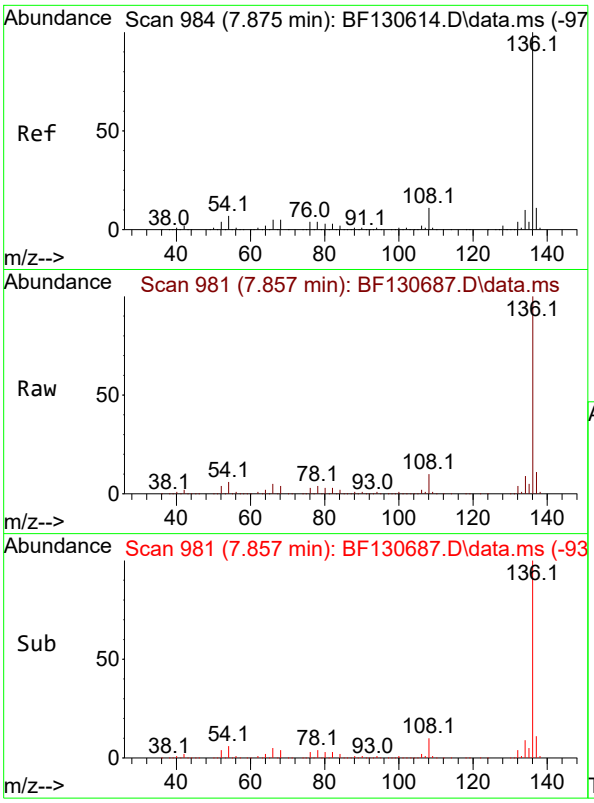


#19
n-Nitroso-di-n-propylamine
Concen: 16.991 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion: 70 Resp: 69907

Ion	Ratio	Lower	Upper
70	100		
42	45.1	44.3	66.5
101	0.0	7.9	11.9#
130	1.9	18.1	27.1#



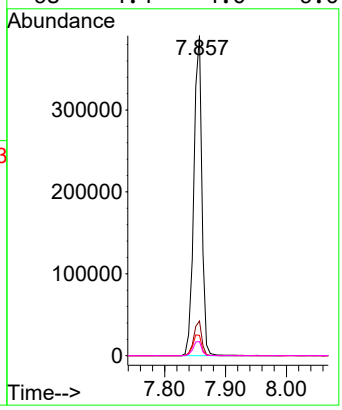


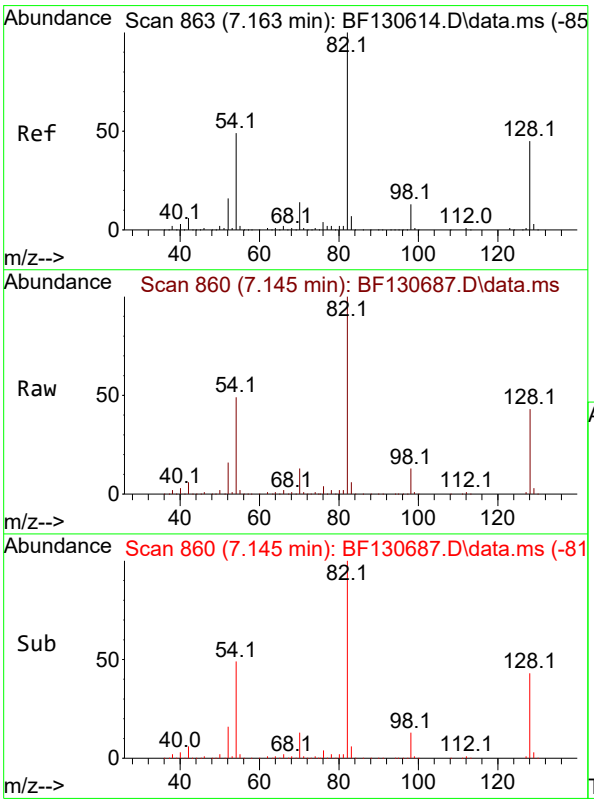
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion:136 Resp: 358249

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.4	5.5	8.3
68	4.4	4.0	6.0

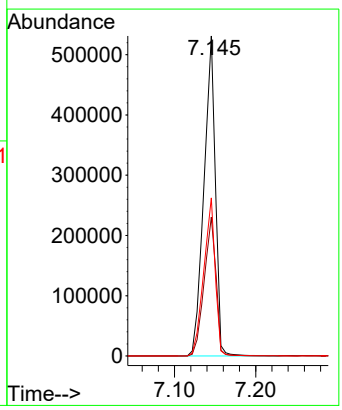


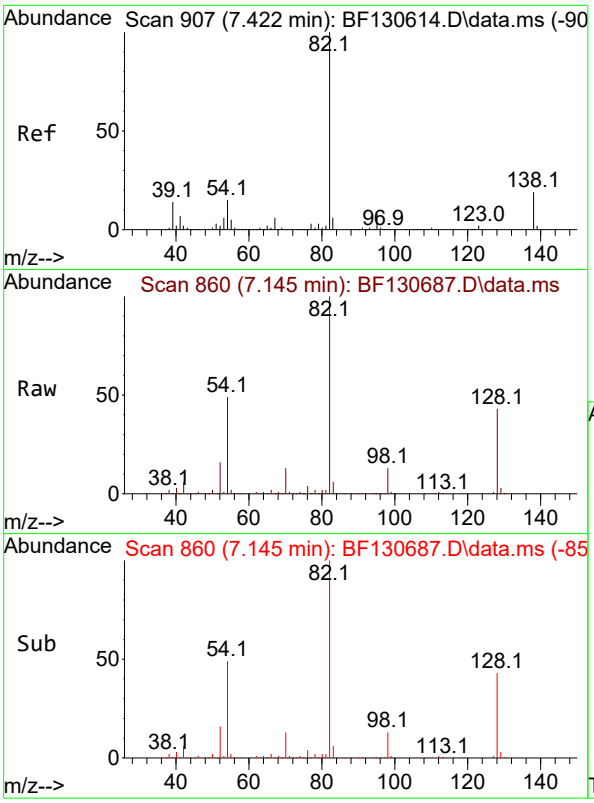


#23
Nitrobenzene-d5
Concen: 79.449 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion: 82 Resp: 521379

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.8	53.6
54	49.4	39.3	58.9



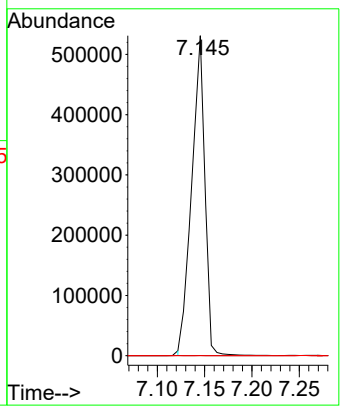


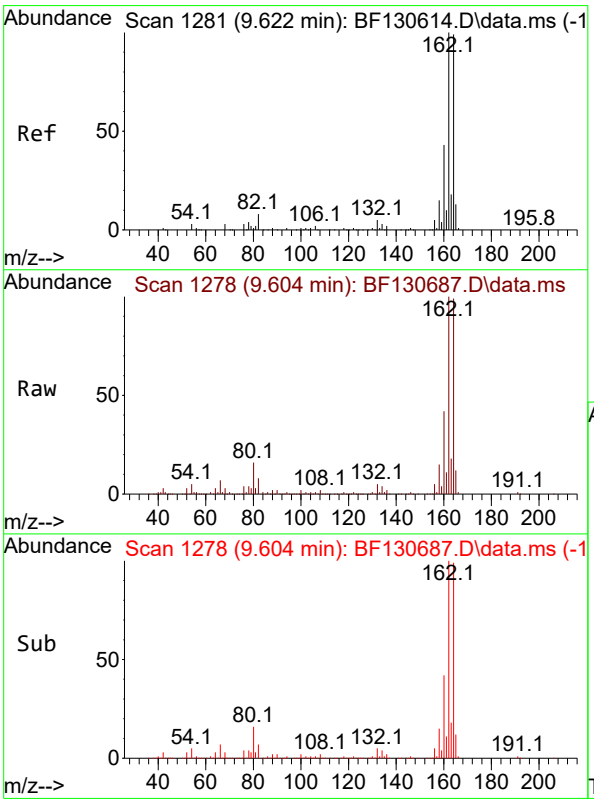
#25
Isophorone
Concen: 47.281 ng
RT: 7.145 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion: 82 Resp: 516413

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	14.9	22.3#

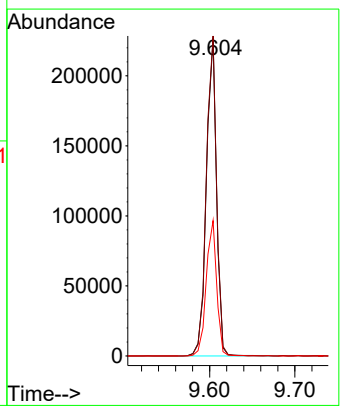


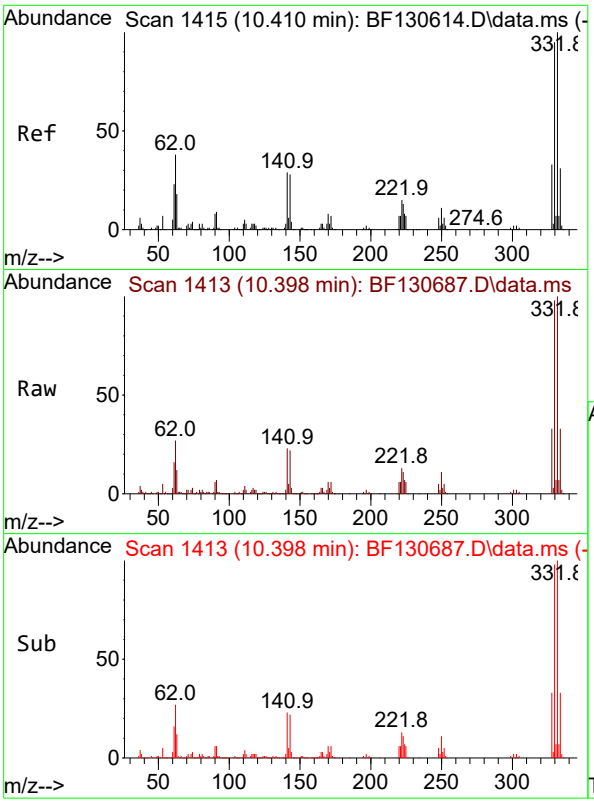


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion:164 Resp: 187150

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.4
160	42.7	34.5	51.7



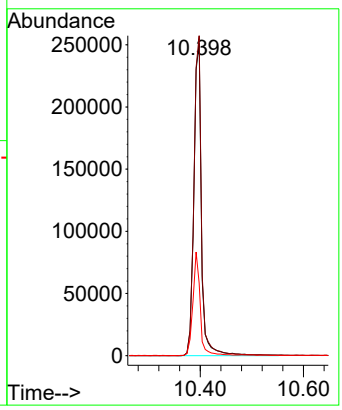


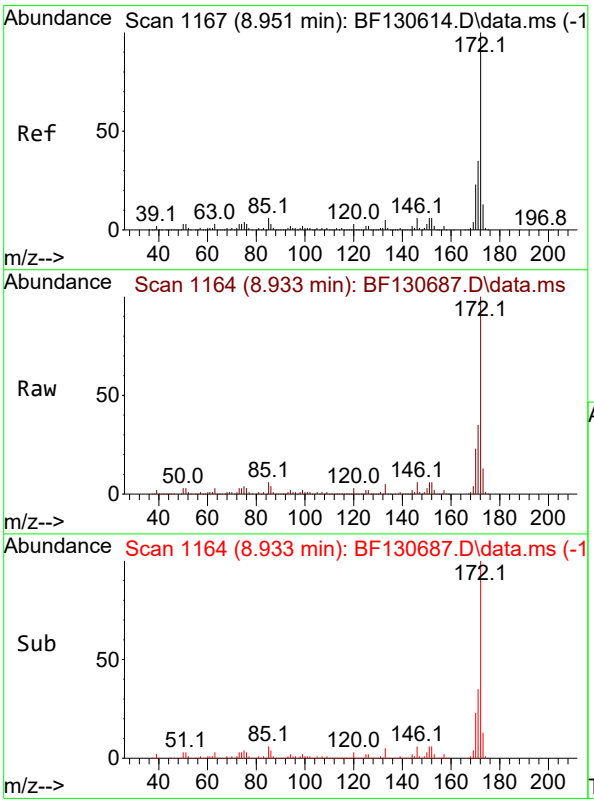
#42
2,4,6-Tribromophenol
Concen: 139.823 ng
RT: 10.398 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion:330 Resp: 256051

Ion	Ratio	Lower	Upper
330	100		
332	102.2	84.2	126.4
141	31.9	26.8	40.2

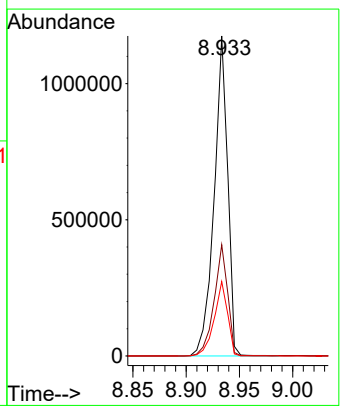


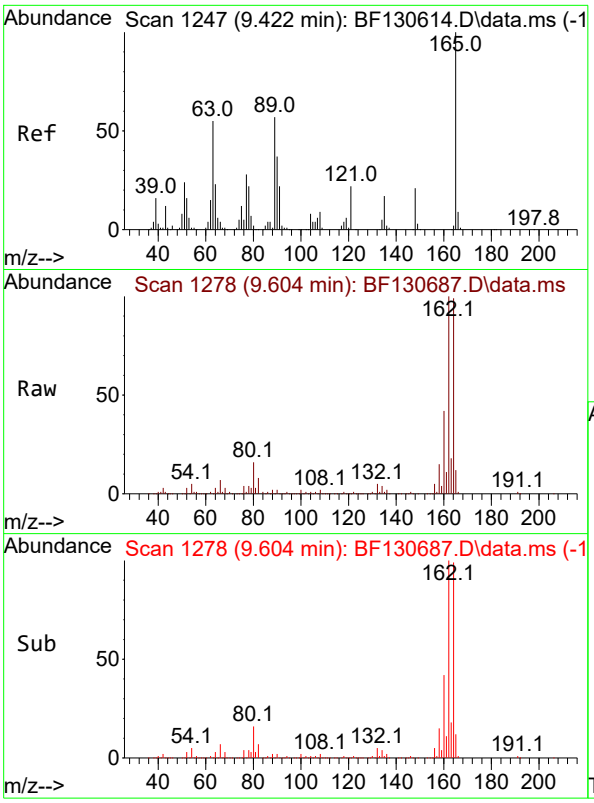


#45
2-Fluorobiphenyl
Concen: 83.765 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion:172 Resp: 1034932

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.2	18.6	27.8



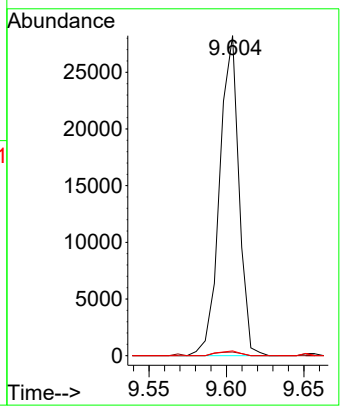


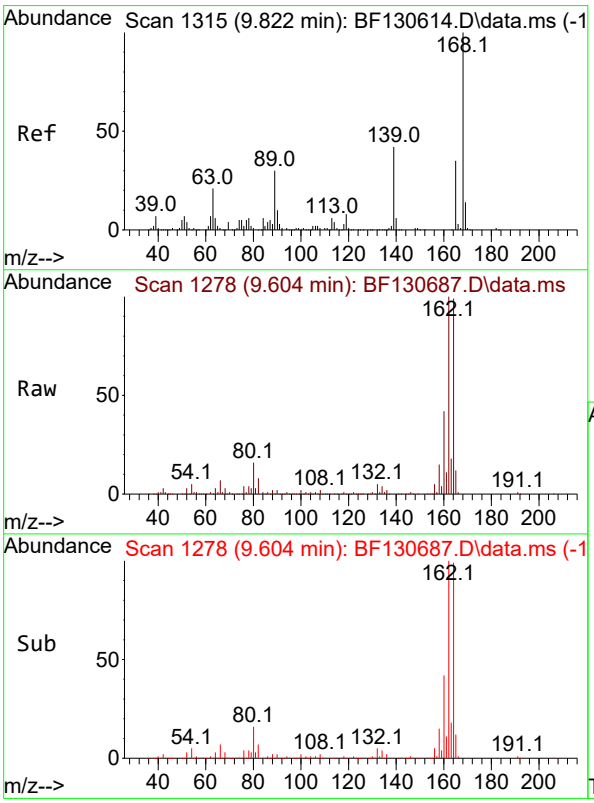
#51
2,6-Dinitrotoluene
Concen: 8.604 ng
RT: 9.604 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion:165 Resp: 24450

Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.3	67.9#
89	1.5	45.6	68.4#

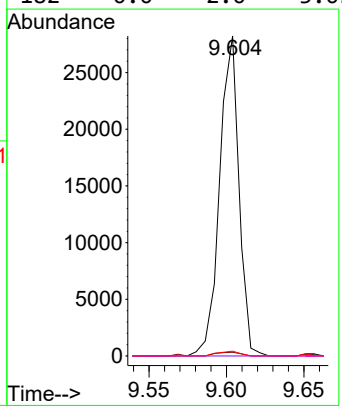


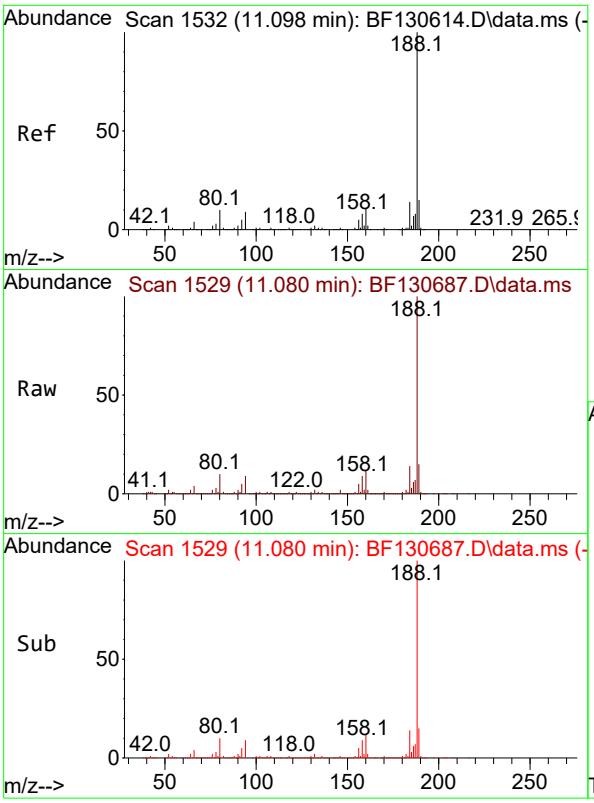


#57
2,4-Dinitrotoluene
Concen: 6.694 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.212 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion:165 Resp: 24450

Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.6	76.0#
89	1.5	68.6	102.8#
182	0.0	2.0	3.0#



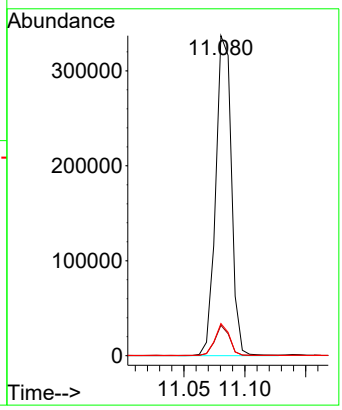


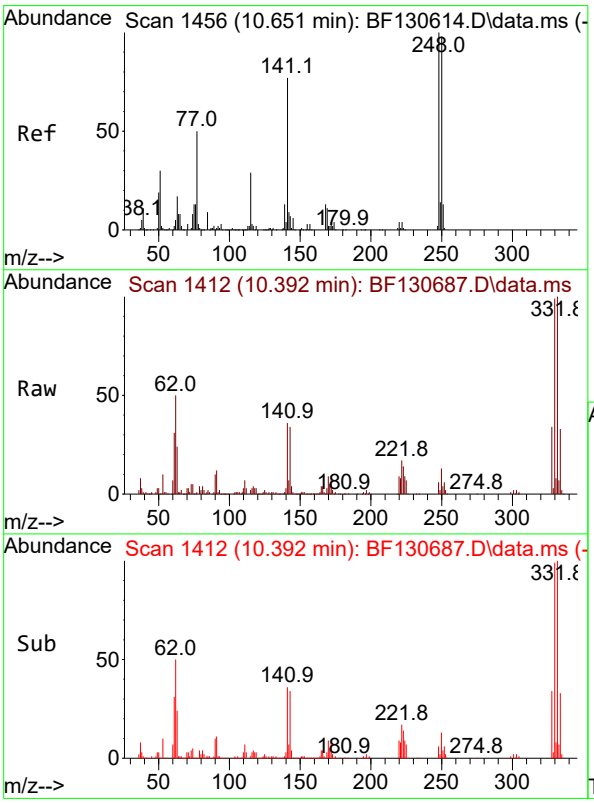
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion:188 Resp: 302490

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.1	8.0	12.0

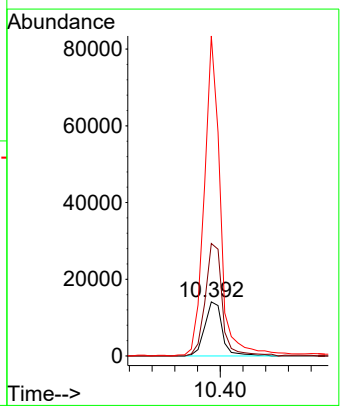


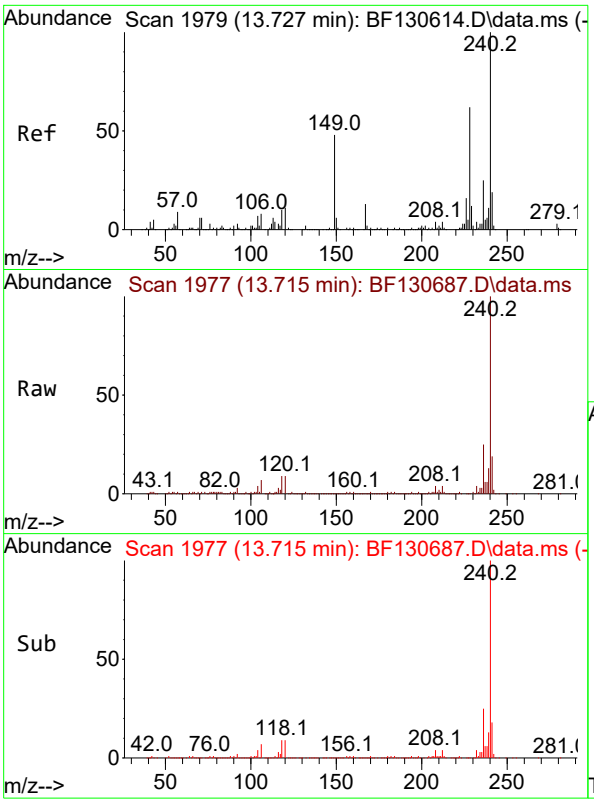


#67
4-Bromophenyl-phenylether
Concen: 4.444 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.247 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion:248 Resp: 15210

Ion	Ratio	Lower	Upper
248	100		
250	207.9	78.7	118.1#
141	591.0	61.6	92.4#



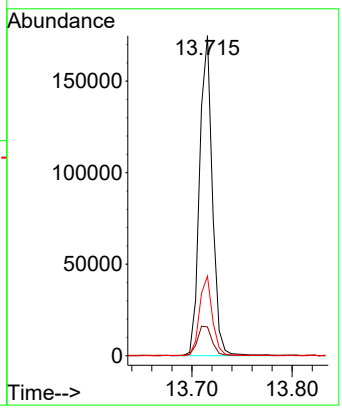


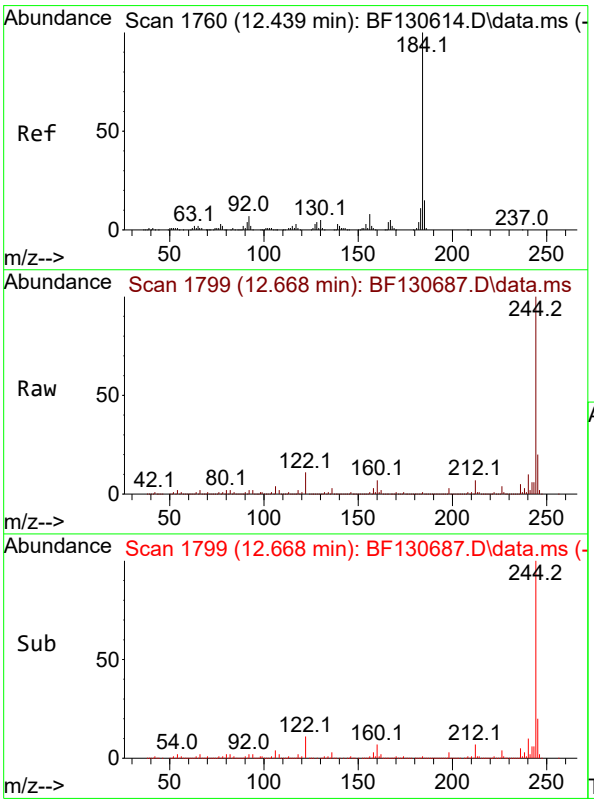
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

Tgt Ion:240 Resp: 155362

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.6	13.0
236	24.9	20.2	30.4

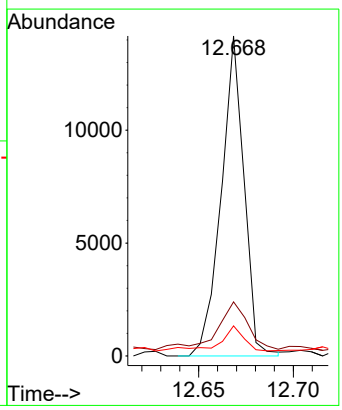


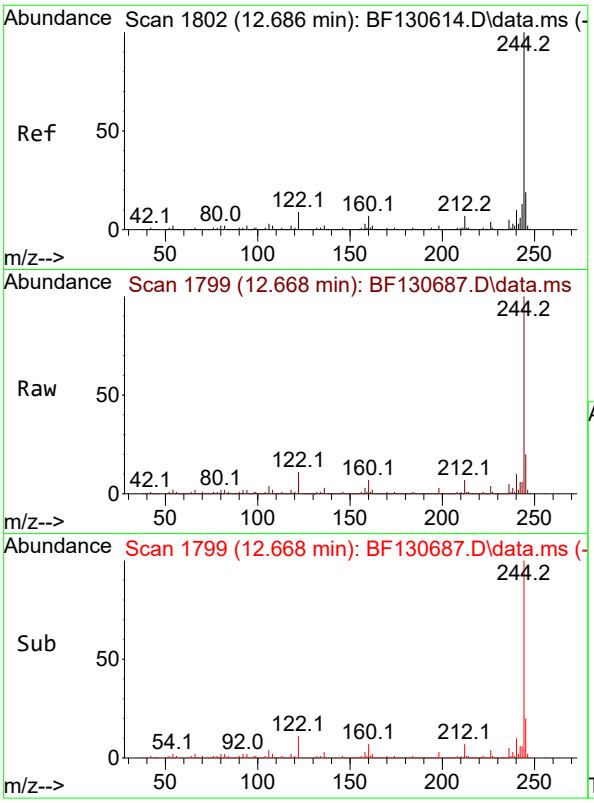


#77
Benzidine
Concen: 3.021 ng
RT: 12.668 min Scan# 1799
Delta R.T. 0.241 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion:184 Resp: 11865

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.0	18.0
183	9.4	9.0	13.4



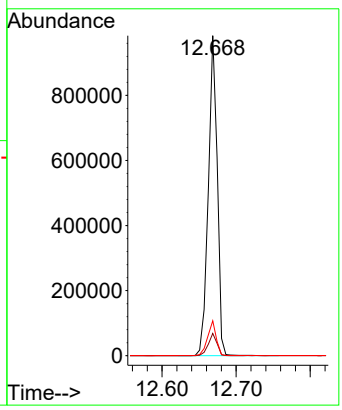


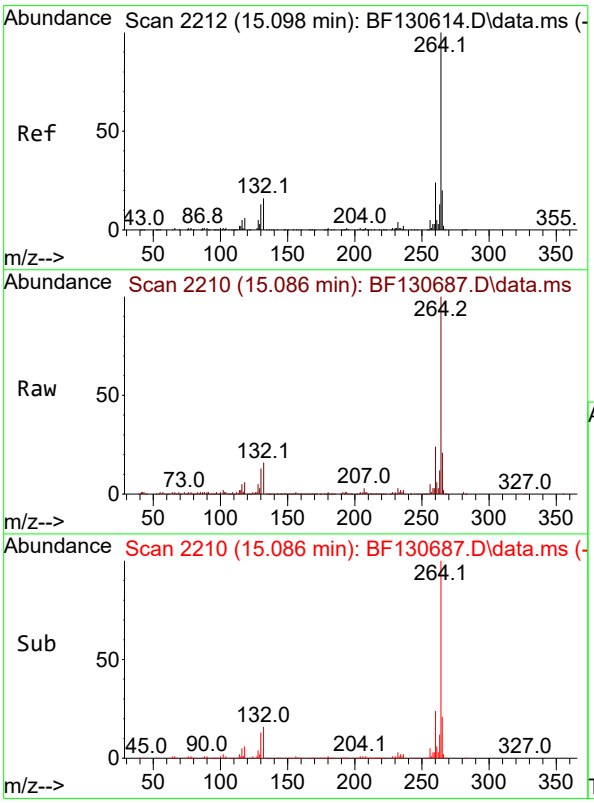
#79
Terphenyl-d14
Concen: 88.169 ng
RT: 12.668 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Instrument :
BNA_F
ClientSampleId :
HAS-WATER-1013

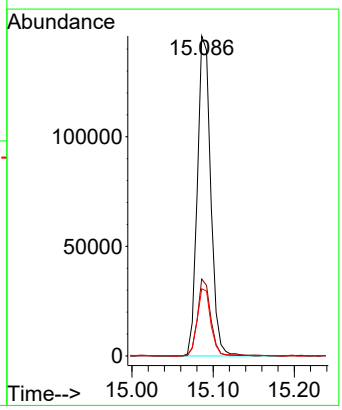
Tgt Ion:244 Resp: 825318

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.9	7.5	11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF130687.D
Acq: 17 Oct 2022 15:23

Tgt Ion:264 Resp: 167486

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.0	16.4	24.6