Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131019.D
Acq On : 05 Nov 2022 14:50
Operator : CG\JU
Sample : N5340-05RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Quant Time: Nov 07 00:48:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:46:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	70223	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	276200	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	124404	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	225347	20.000	ng	0.00
76) Chrysene-d12	14.086	240	140474	20.000	ng	0.00
86) Perylene-d12	15.586	264	122637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	22959	5.668	ng	0.00
7) Phenol-d6	6.522	99	137378	26.098	ng	0.00
23) Nitrobenzene-d5	7.469	82	503955	110.021	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	8710	8.317	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	866798	105.342	ng	0.00
79) Terphenyl-d14	13.033	244	785967	102.528	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	69020	19.272	ng	# 79
25) Isophorone	7.469	82	503948	53.352	ng	# 66
32) Benzoic acid	7.963	122	286	7.766	ng	# 14
48) 2-Nitroaniline	9.492	65	144	4.205	ng	# 12
51) 2,6-Dinitrotoluene	9.692	165	1389	3.594	ng	# 19
57) 2,4-Dinitrotoluene	9.945	165	15984	10.934	ng	# 21
77) Benzidine	13.033	184	12067	3.539	ng	# 89

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

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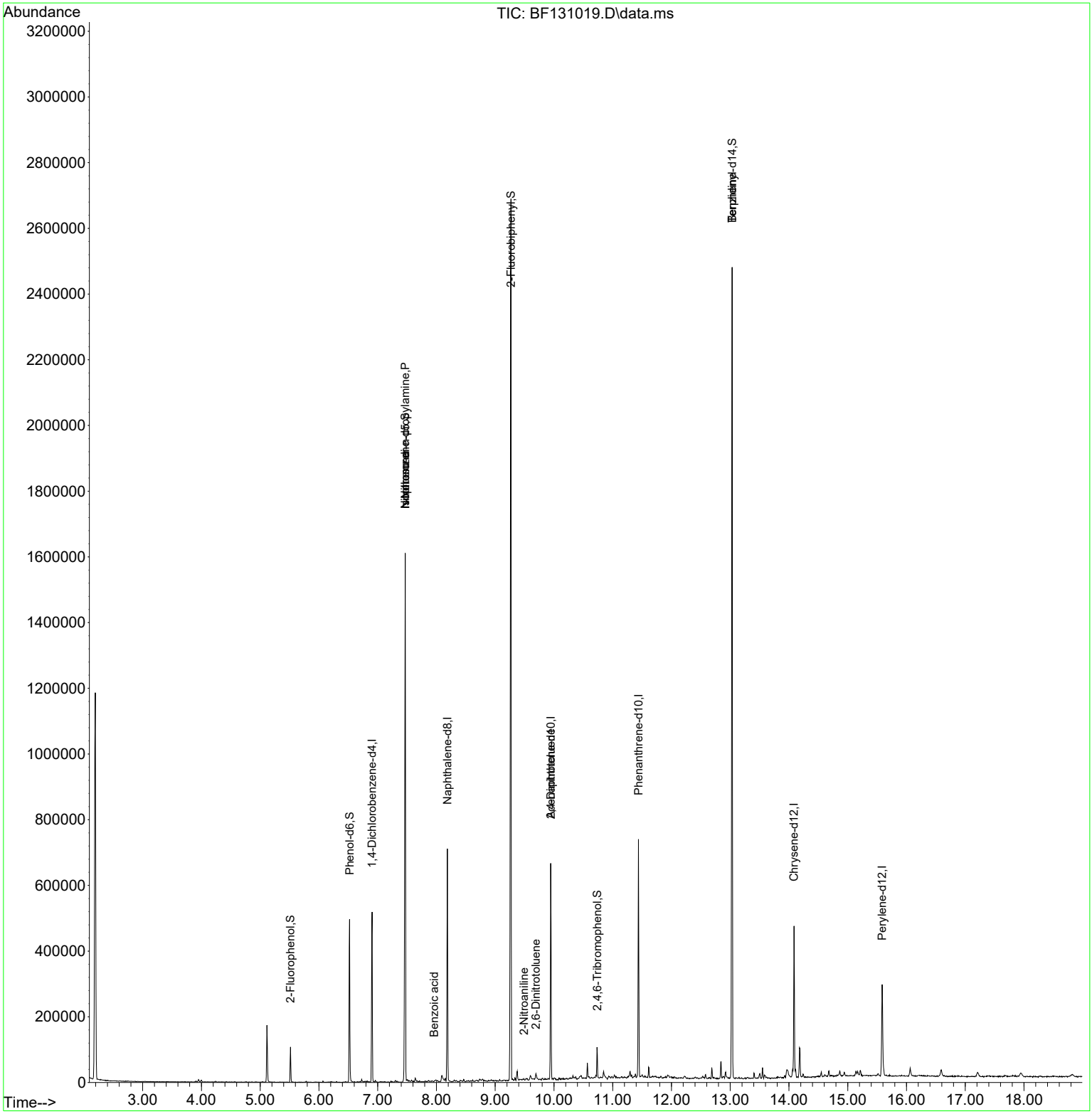
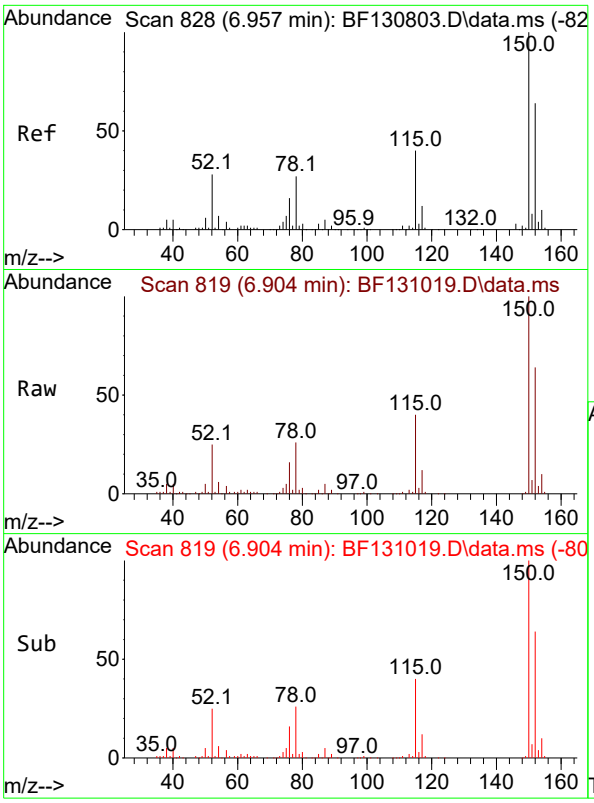


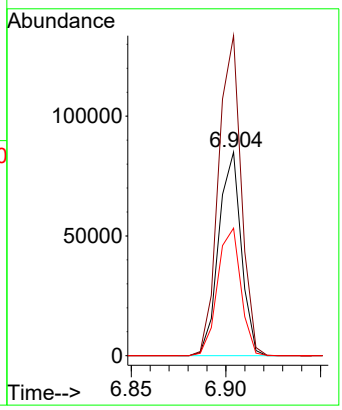


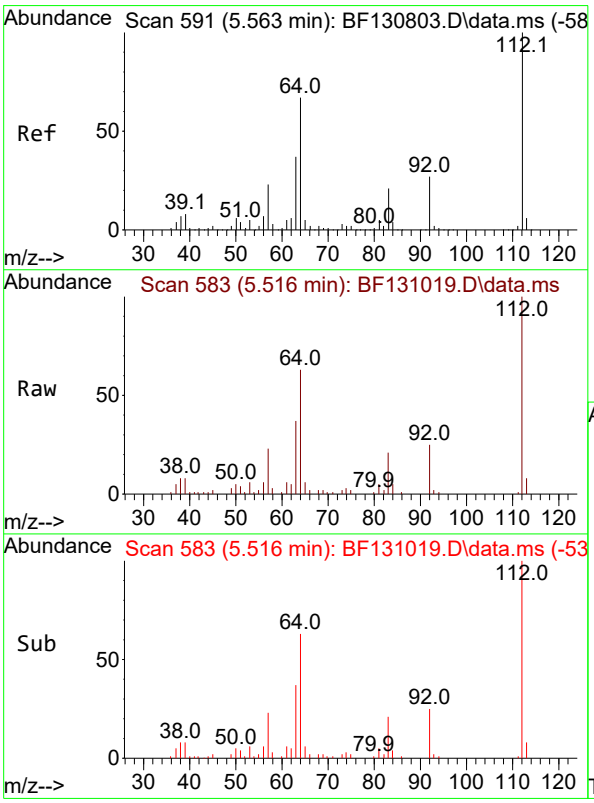
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:152 Resp: 70223

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.1	186.1
115	62.7	50.1	75.1

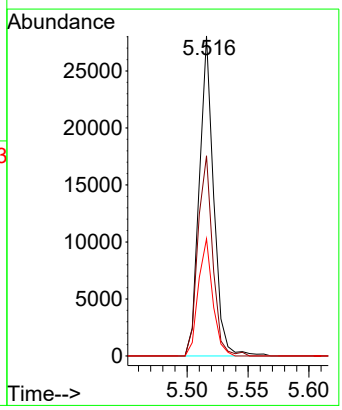


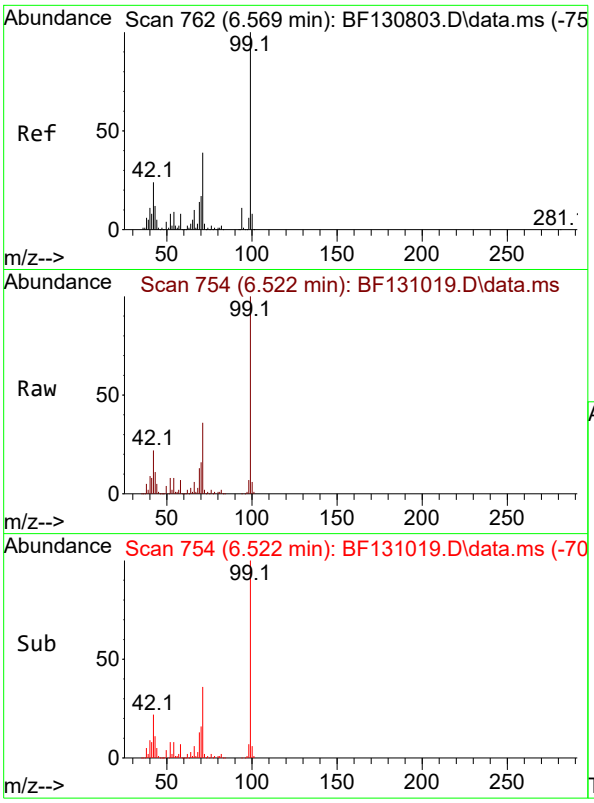


#5
2-Fluorophenol
Concen: 5.668 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.000 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:112 Resp: 22959

Ion	Ratio	Lower	Upper
112	100		
64	62.6	53.9	80.9
63	36.6	29.4	44.2



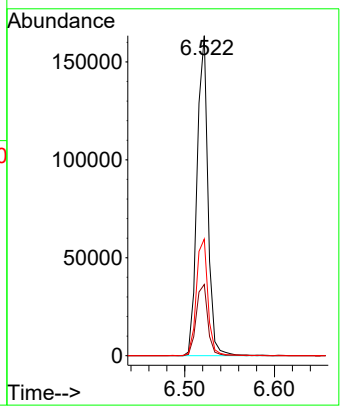


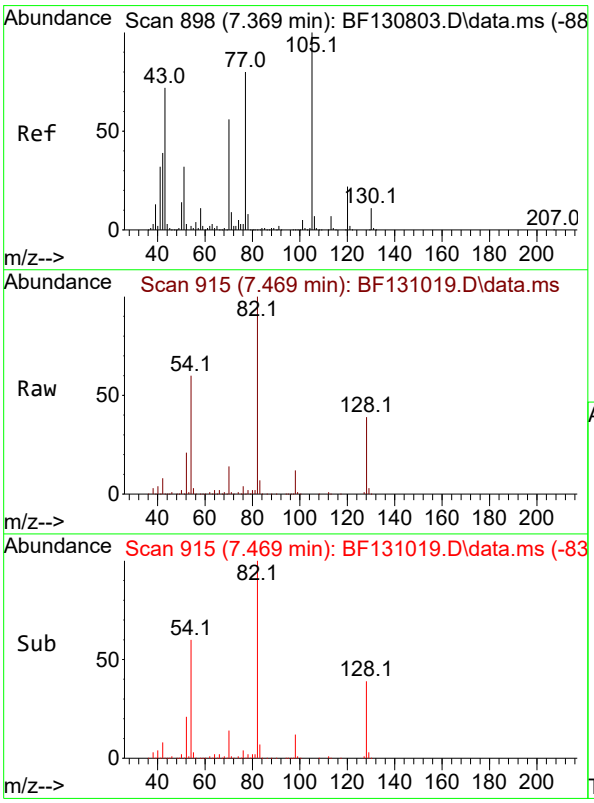
#7
Phenol-d6
Concen: 26.098 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion: 99 Resp: 137378

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.8	28.2
71	36.4	31.4	47.0

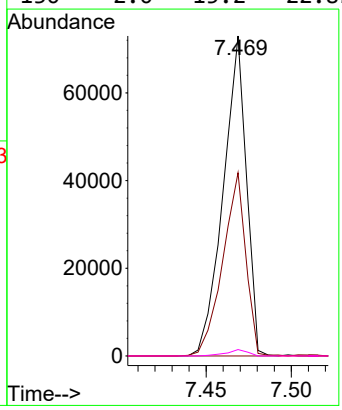


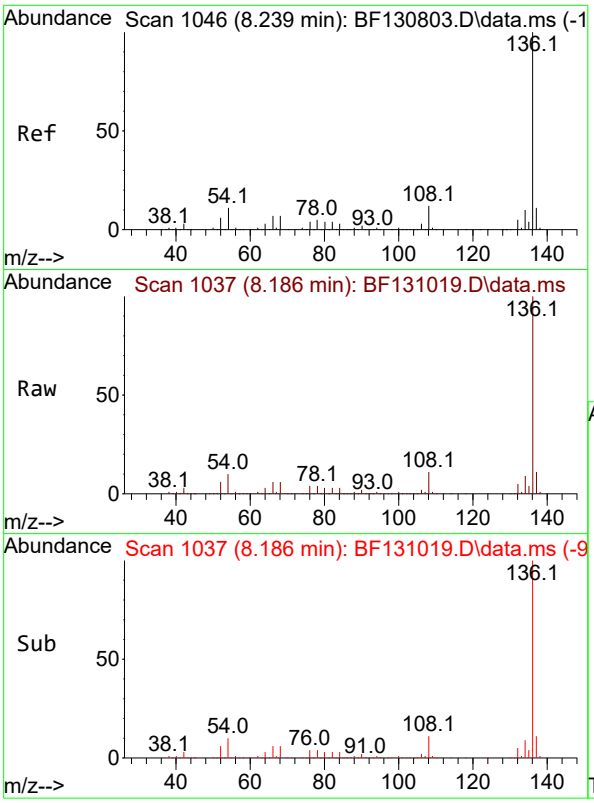


#19
n-Nitroso-di-n-propylamine
Concen: 19.272 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion: 70 Resp: 69020

Ion	Ratio	Lower	Upper
70	100		
42	57.3	56.1	84.1
101	0.0	7.3	10.9#
130	2.0	15.2	22.8#



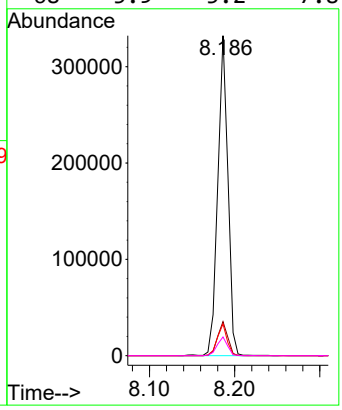


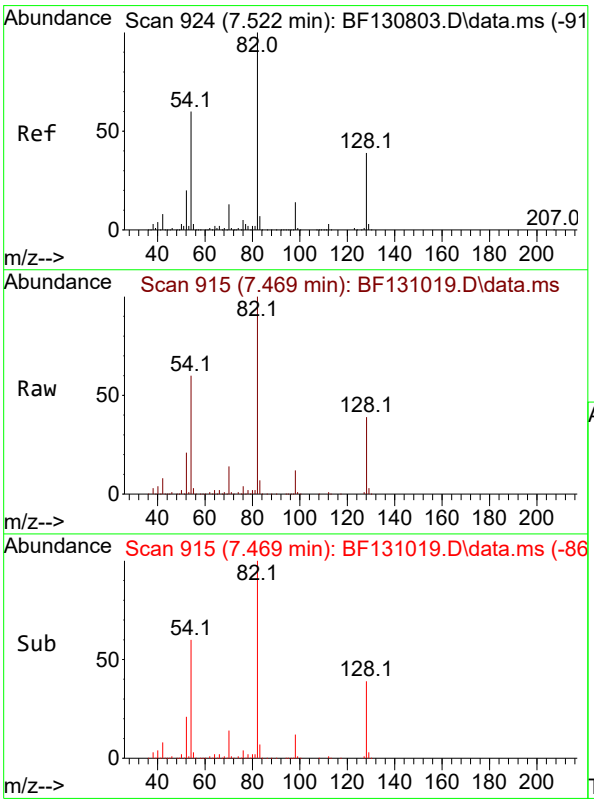
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:136 Resp: 276200

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.9	8.8	13.2
68	5.9	5.2	7.8

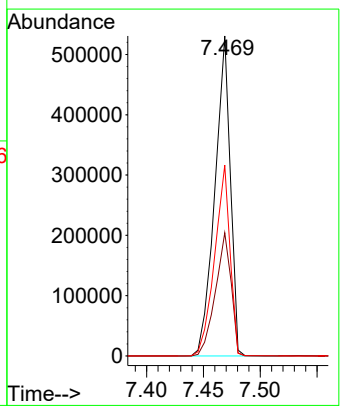


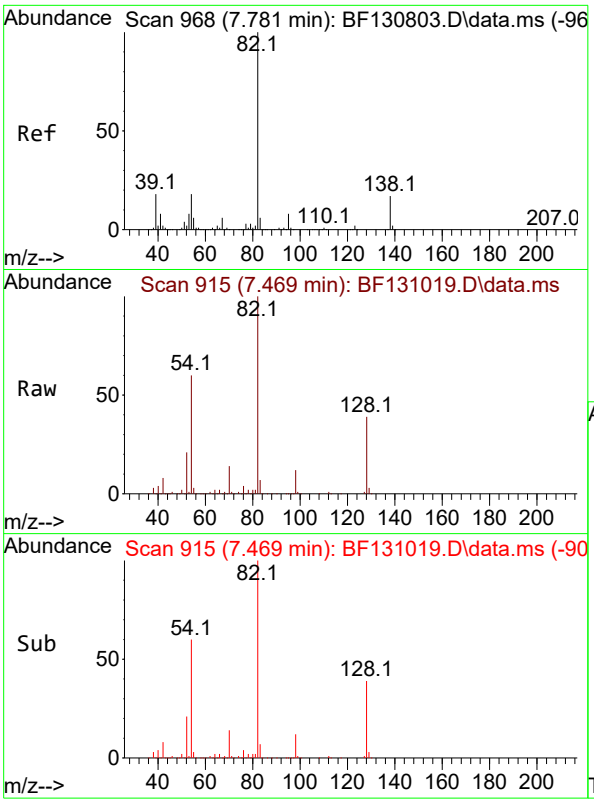


#23
Nitrobenzene-d5
Concen: 110.021 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion: 82 Resp: 503955

Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.2	46.8
54	59.7	48.0	72.0



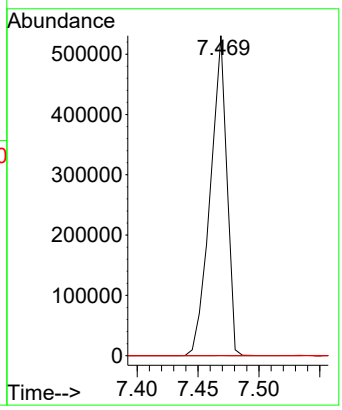


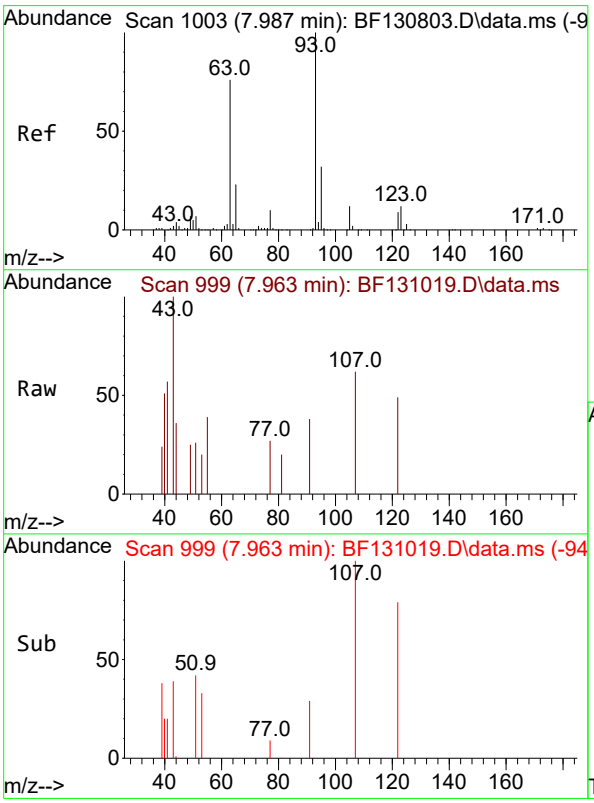
#25
Isophorone
Concen: 53.352 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion: 82 Resp: 503948

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.4#
138	0.0	13.8	20.6#

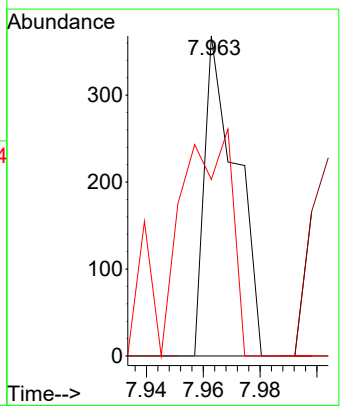


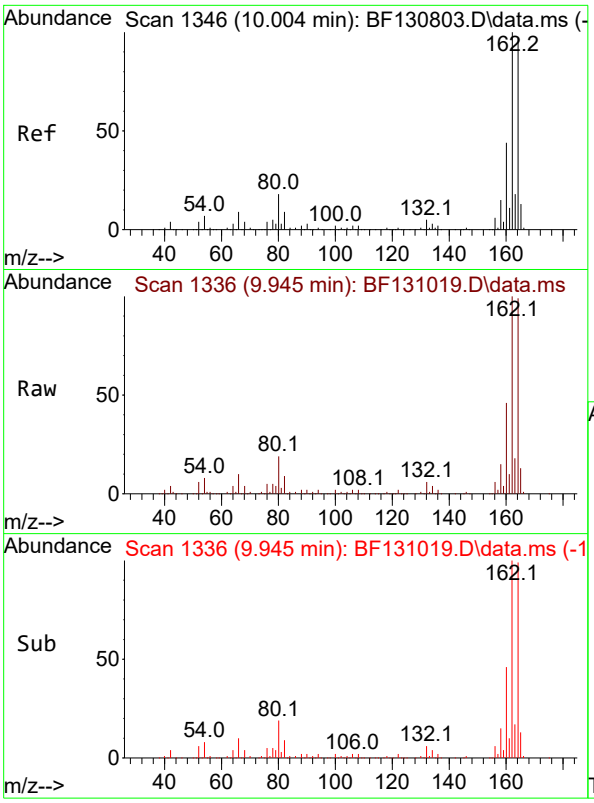


#32
Benzoic acid
Concen: 7.766 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:122 Resp: 286

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.5	154.5#
77	55.2	89.8	129.8#



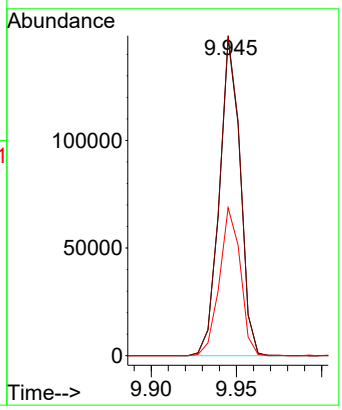


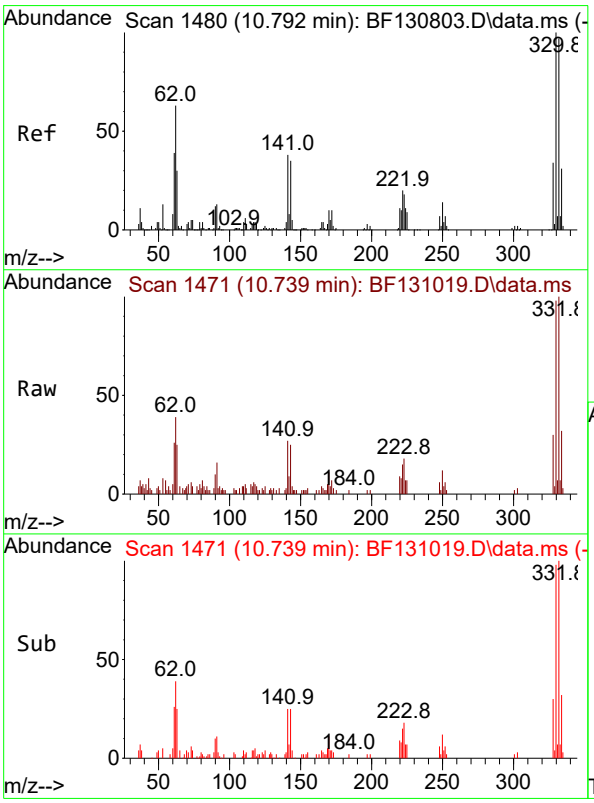
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:164 Resp: 124404

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	46.7	36.6	54.8

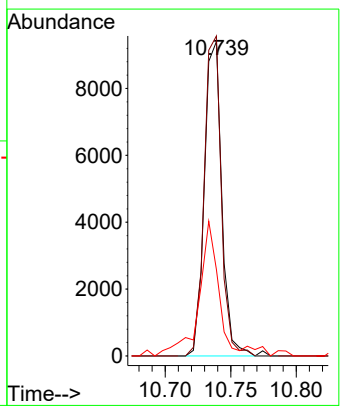


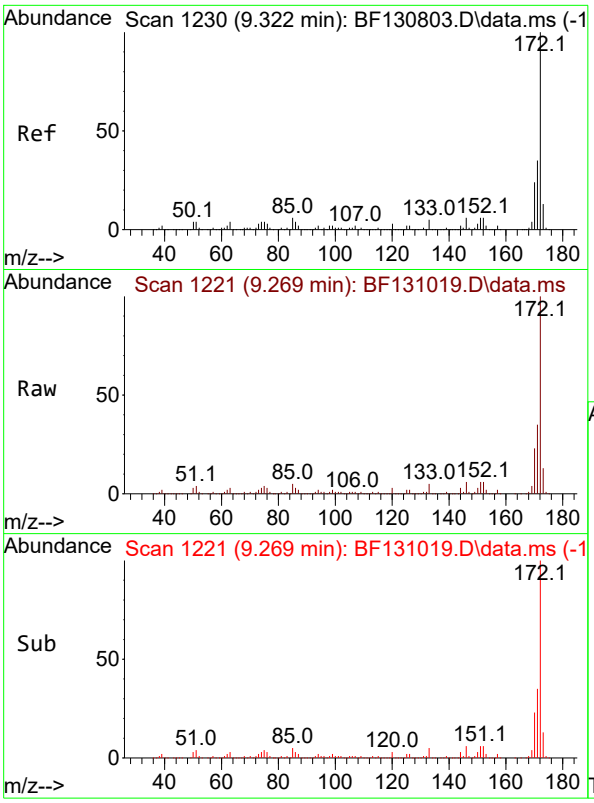


#42
2,4,6-Tribromophenol
Concen: 8.317 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:330 Resp: 8710

Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.2	114.4
141	47.9	31.4	47.0#



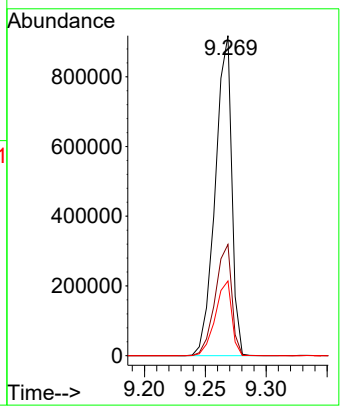


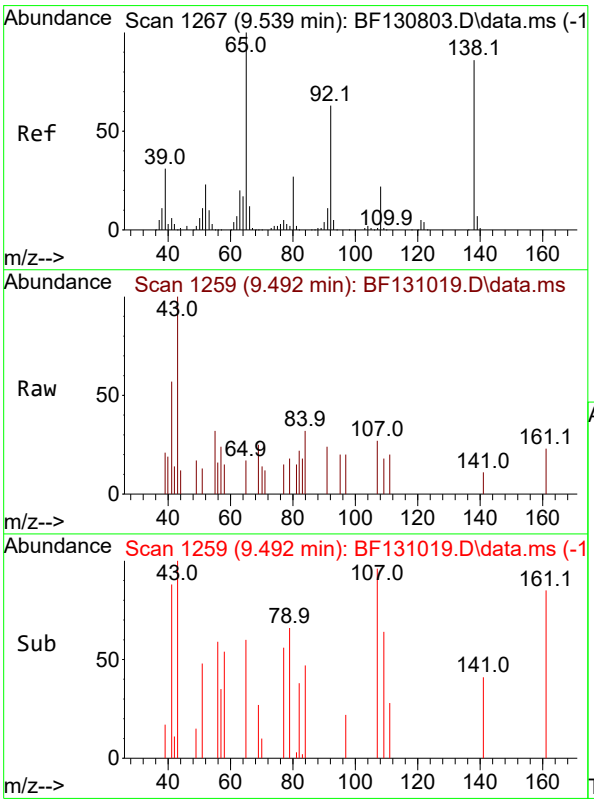
#45
2-Fluorobiphenyl
Concen: 105.342 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:172 Resp: 866798

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.3	19.0	28.4

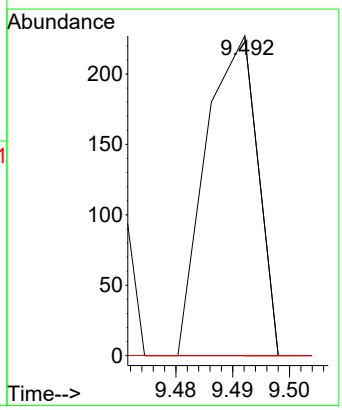


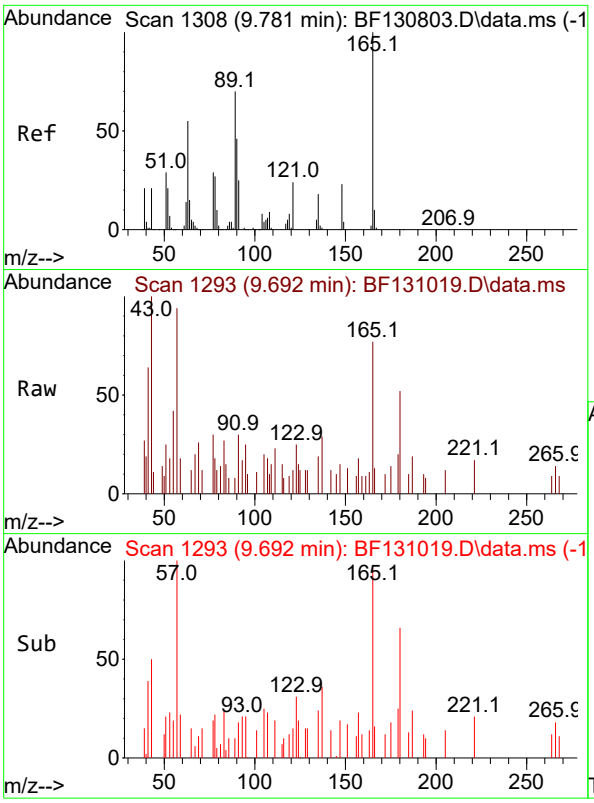


#48
2-Nitroaniline
Concen: 4.205 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion: 65 Resp: 144

Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.1	75.1#
138	0.0	69.2	103.8#



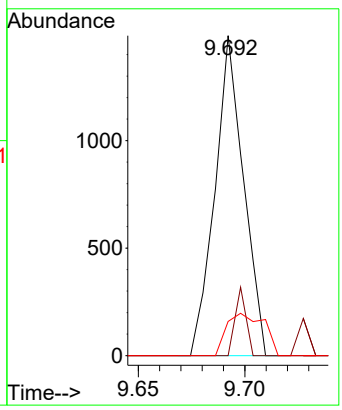


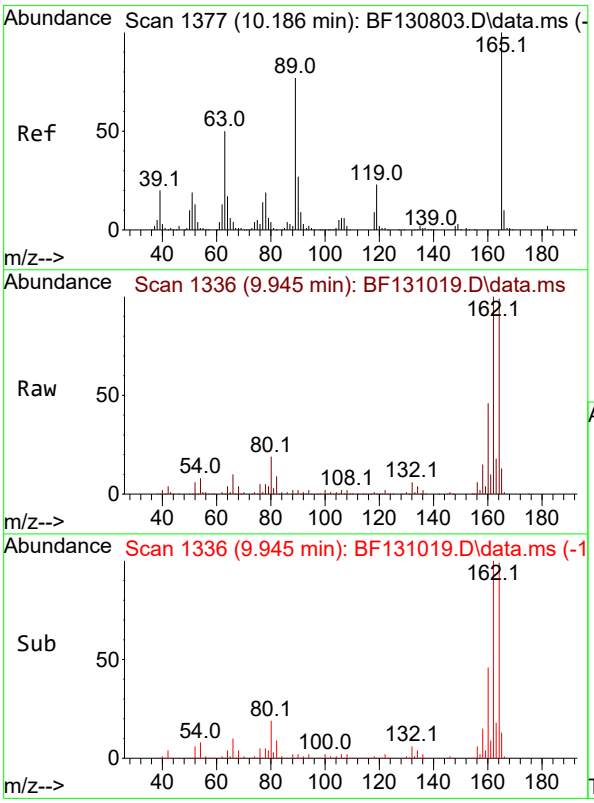
#51
2,6-Dinitrotoluene
Concen: 3.594 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.041 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:165 Resp: 1389

Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.8	92.8#
89	10.7	56.2	84.4#

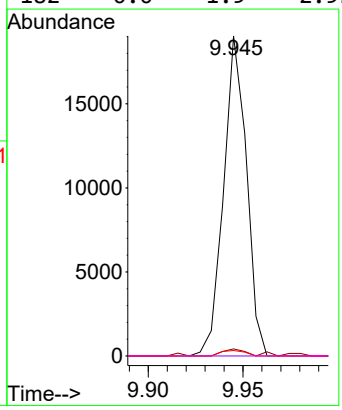


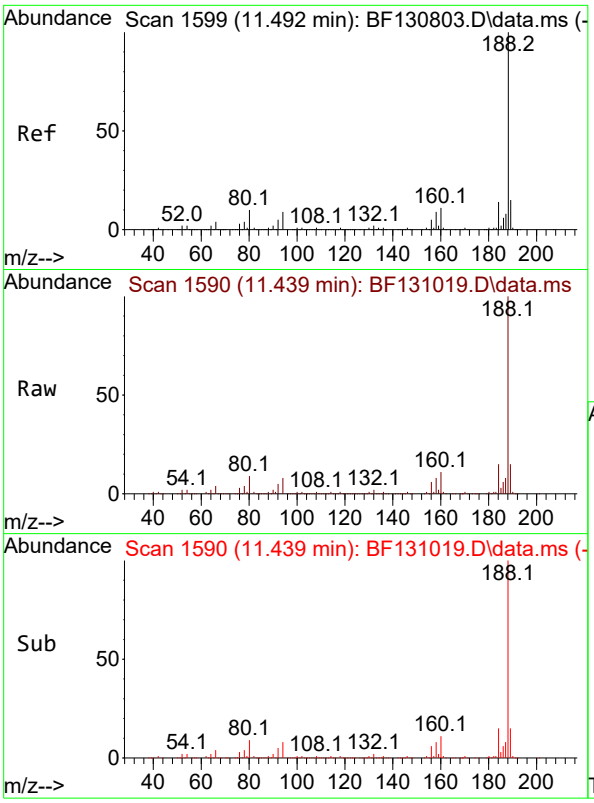


#57
2,4-Dinitrotoluene
Concen: 10.934 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.194 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:165 Resp: 15984

Ion	Ratio	Lower	Upper
165	100		
63	2.2	39.8	59.6#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#



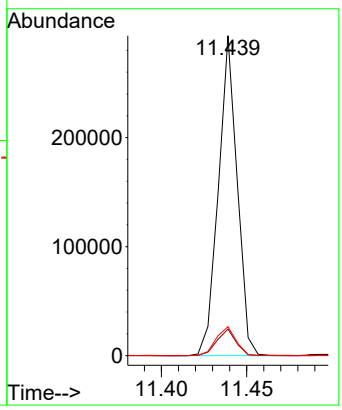


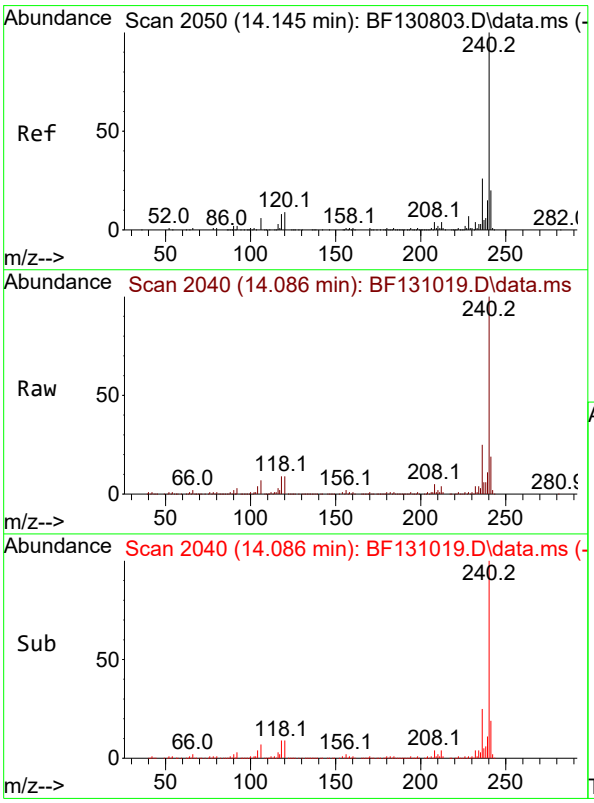
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:188 Resp: 225347

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.0	8.0	12.0

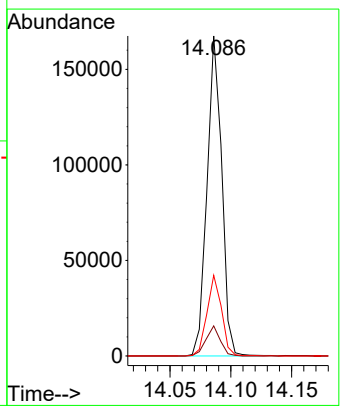


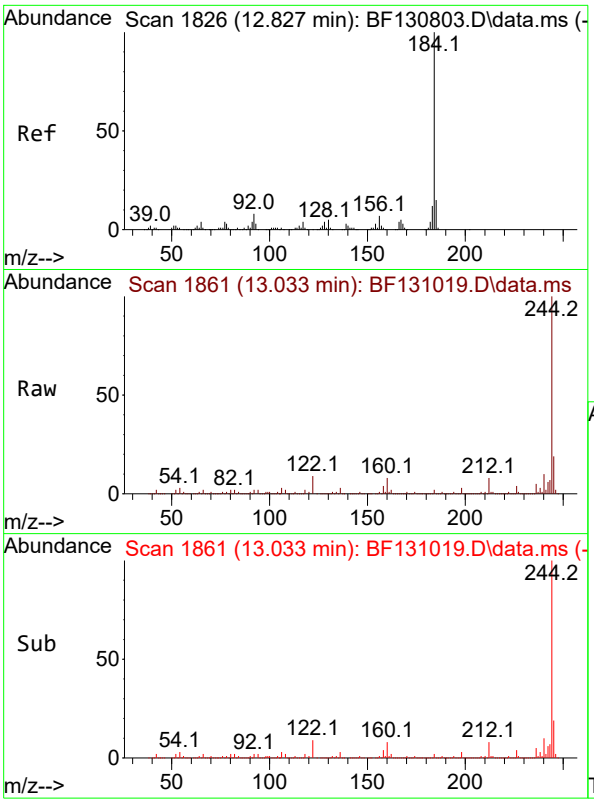


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:240 Resp: 140474

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.0	10.4
236	25.2	20.5	30.7



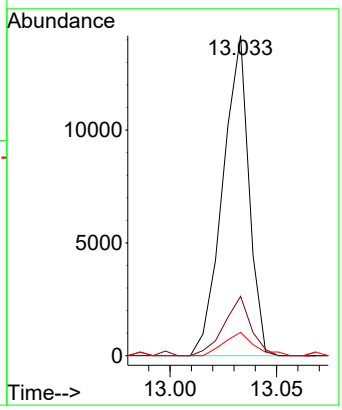


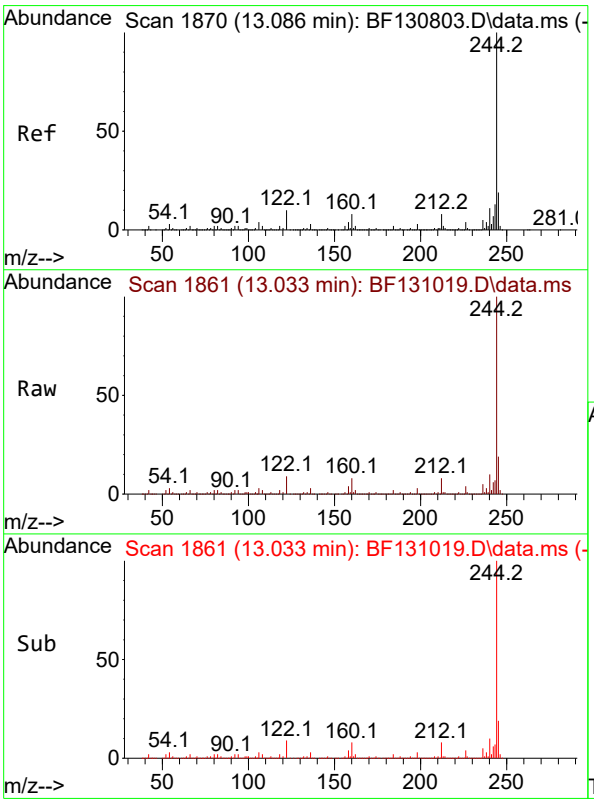
#77
Benzidine
Concen: 3.539 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.253 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:184 Resp: 12067

Ion	Ratio	Lower	Upper
184	100		
185	18.6	11.8	17.8#
183	7.3	9.7	14.5#

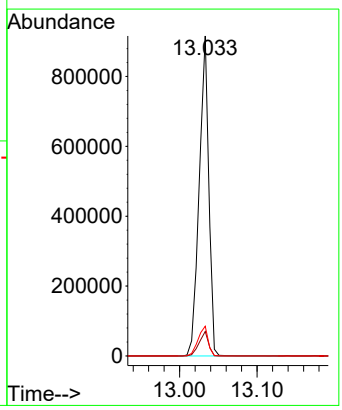


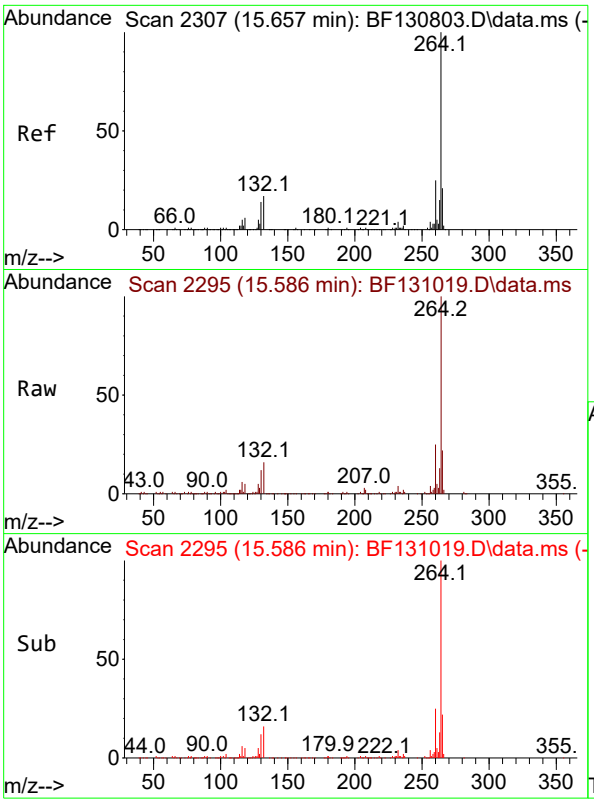


#79
Terphenyl-d14
Concen: 102.528 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:244 Resp: 785967

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	9.3	7.9	11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

Tgt Ion:264 Resp: 122637

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.3	17.0	25.6