Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
Data File : BF131814.D
Acq On : 23 Dec 2022 19:24
Operator : CG\JU
Sample : N6157-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Quant Time: Dec 24 03:09:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 00:05:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68494	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	255246	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	153601	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	299938	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	183855	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	153610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	465737	114.499	ng	0.00
7) Phenol-d6	6.481	99	615297	112.385	ng	0.00
23) Nitrobenzene-d5	7.416	82	428049	68.080	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	186641	111.015	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	702945	64.108	ng	0.00
79) Terphenyl-d14	12.998	244	764273	64.787	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1169	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.416	70	60450	15.309	ng	# 81
25) Isophorone	7.416	82	428043	40.088	ng	# 70
50) Dimethylphthalate	9.904	163	31141	2.694	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	20114	8.094	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	20114	6.023	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	13276	3.748	ng	# 1
77) Benzidine	12.992	184	11544	3.424	ng	# 95

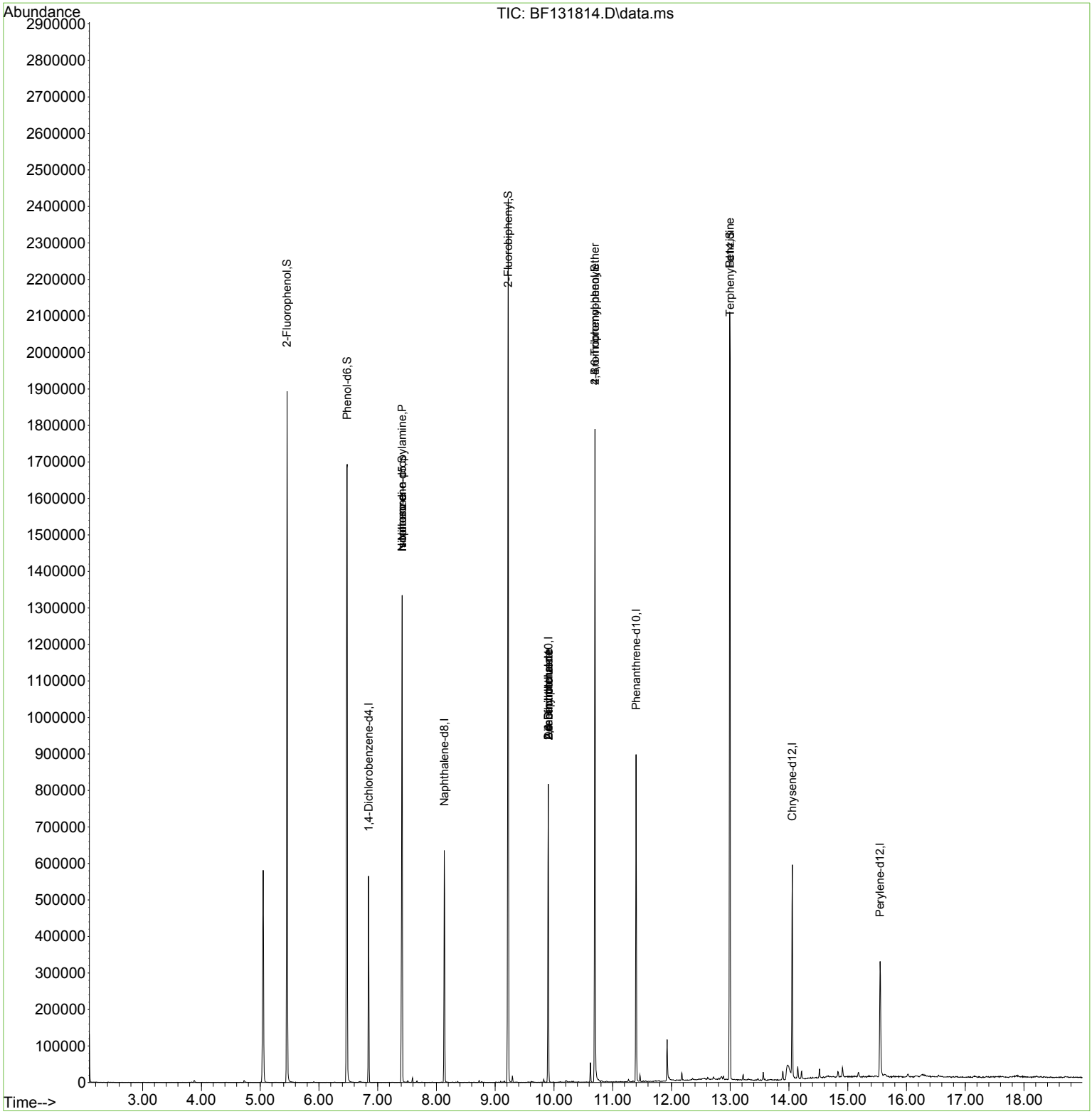
(#) = qualifier out of range (m) = manual integration (+) = signals summed

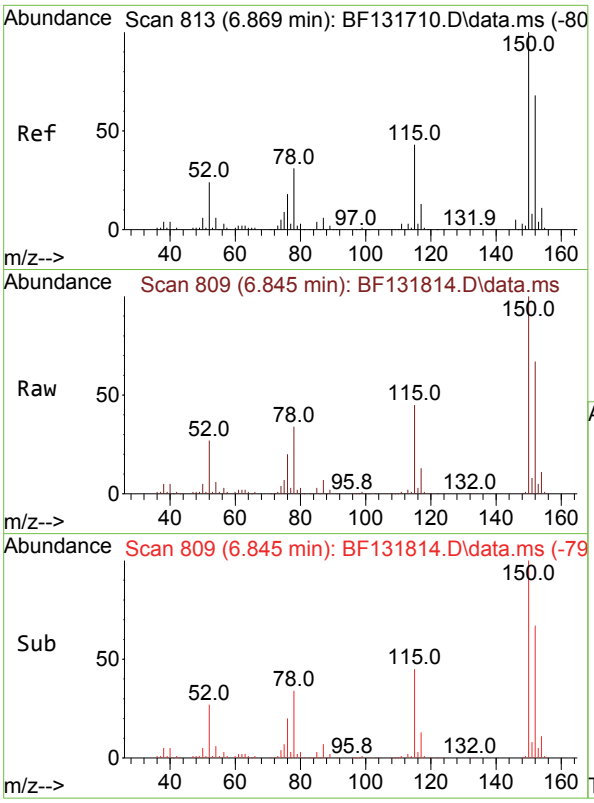
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
Data File : BF131814.D
Acq On : 23 Dec 2022 19:24
Operator : CG\JU
Sample : N6157-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Quant Time: Dec 24 03:09:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 00:05:44 2022
Response via : Initial Calibration



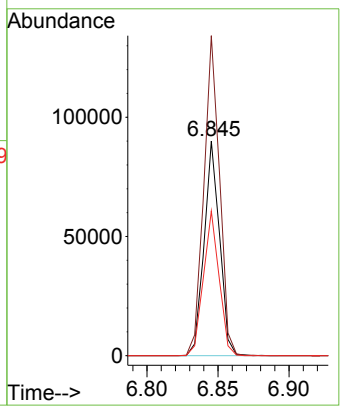


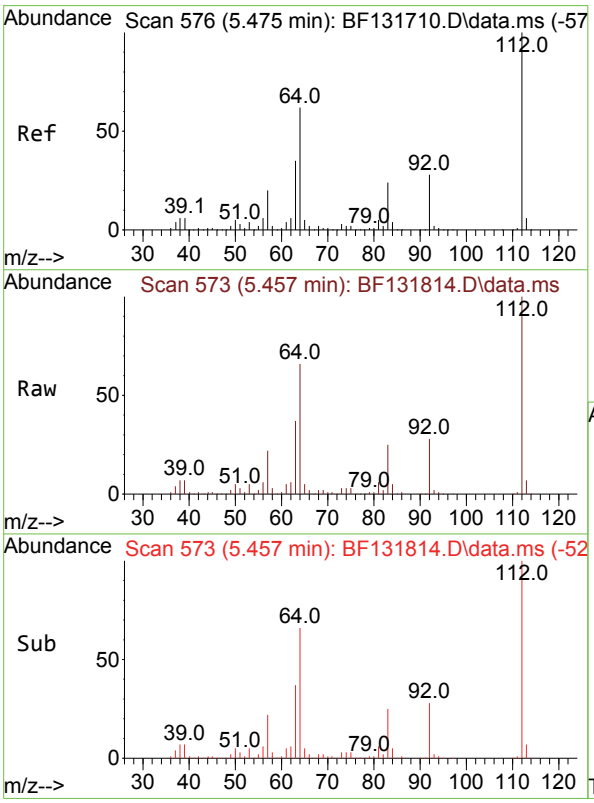
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion:152 Resp: 68494

Ion	Ratio	Lower	Upper
152	100		
150	149.2	117.4	176.0
115	67.5	50.2	75.4

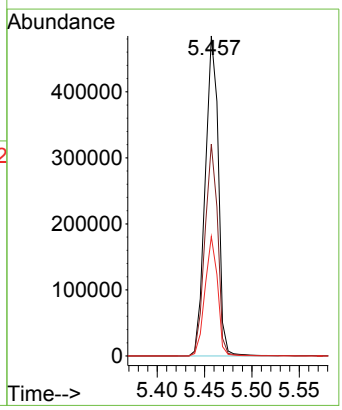


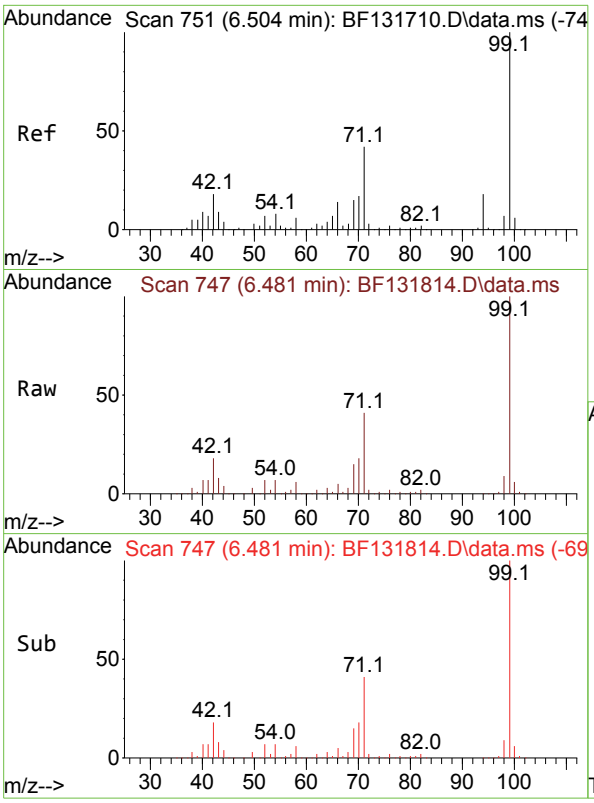


#5
2-Fluorophenol
Concen: 114.499 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:112 Resp: 465737

Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.5	74.3
63	37.3	28.2	42.2



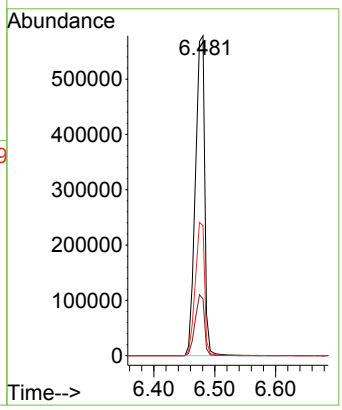


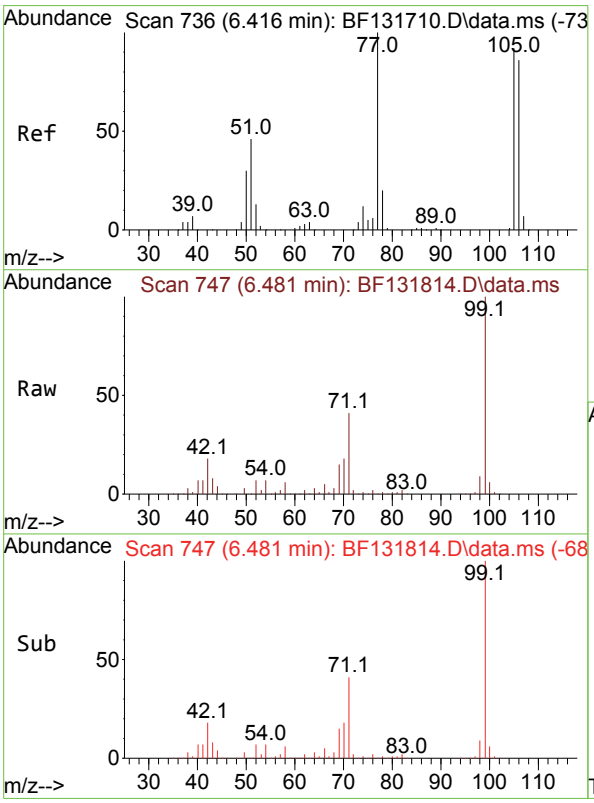
#7
Phenol-d6
Concen: 112.385 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion: 99 Resp: 615297

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.8	22.2
71	40.7	33.8	50.6

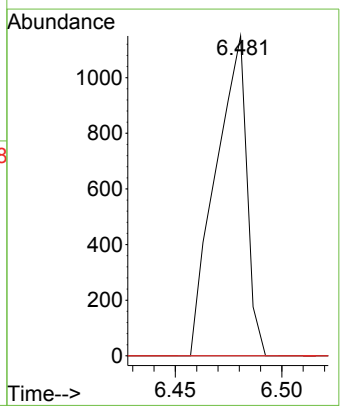


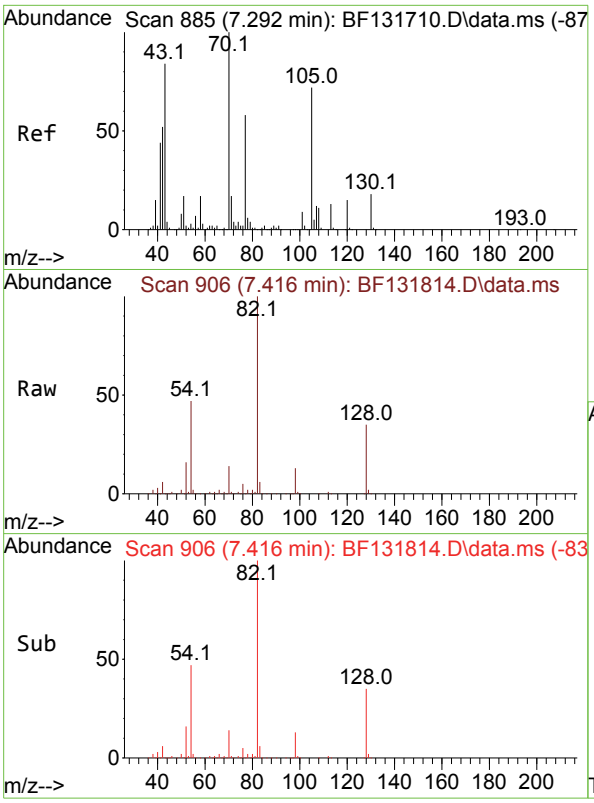


#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 747
Delta R.T. 0.077 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion: 77 Resp: 1169

Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.4	112.4#
106	0.0	66.5	106.5#



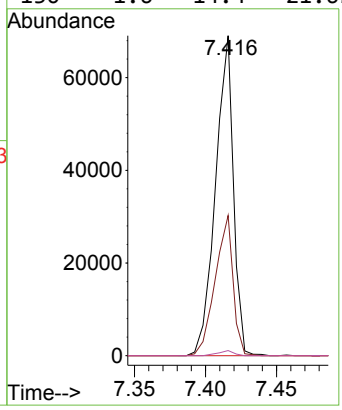


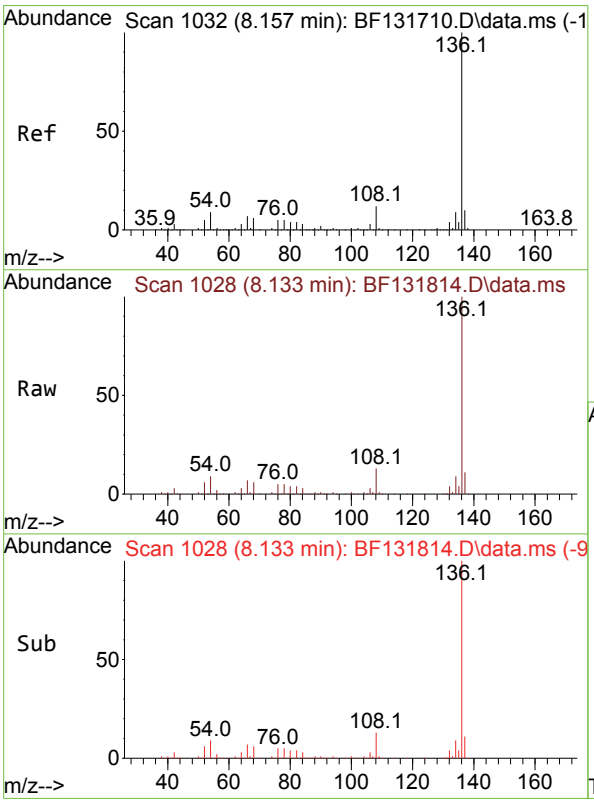
#19
n-Nitroso-di-n-propylamine
Concen: 15.309 ng
RT: 7.416 min Scan# 9
Delta R.T. 0.141 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion: 70 Resp: 60450

Ion	Ratio	Lower	Upper
70	100		
42	43.8	41.5	62.3
101	0.0	7.3	10.9#
130	1.6	14.4	21.6#

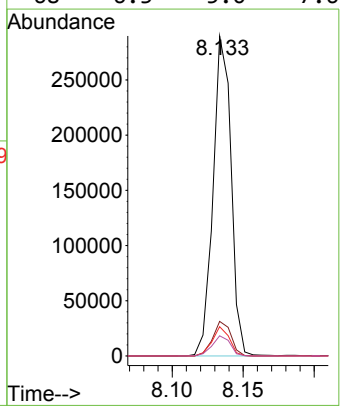


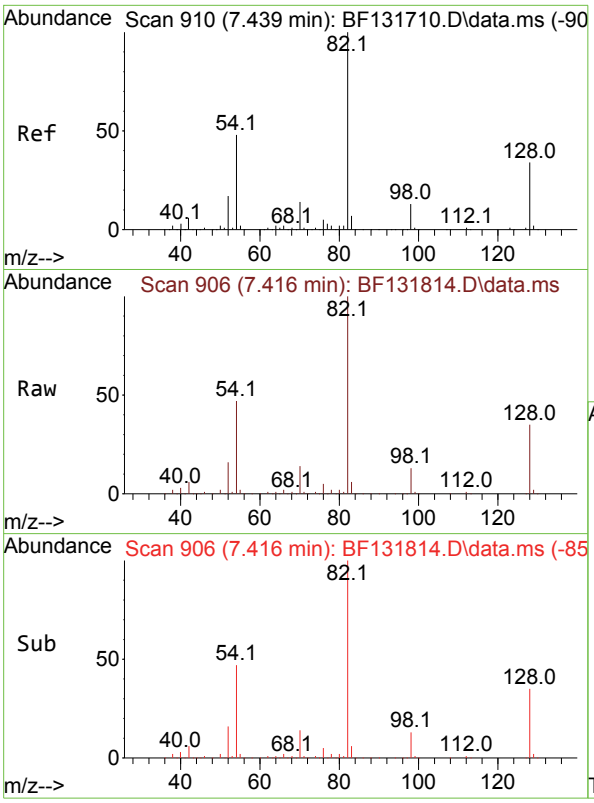


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:136 Resp: 255246

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.1	7.2	10.8
68	6.3	5.0	7.6



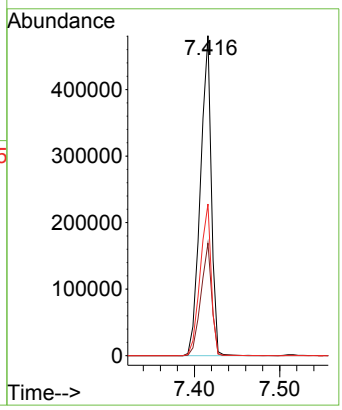


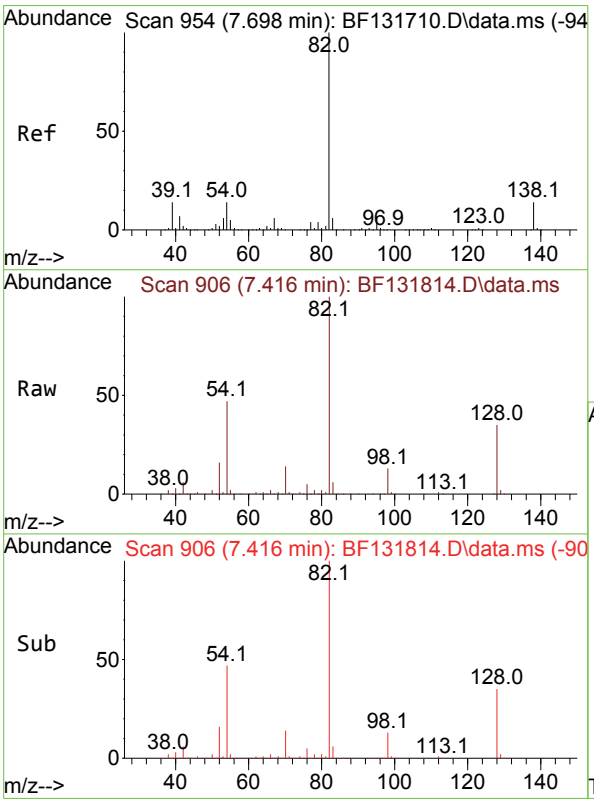
#23
Nitrobenzene-d5
Concen: 68.080 ng
RT: 7.416 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion: 82 Resp: 428049

Ion	Ratio	Lower	Upper
82	100		
128	35.2	27.3	40.9
54	47.4	38.2	57.2

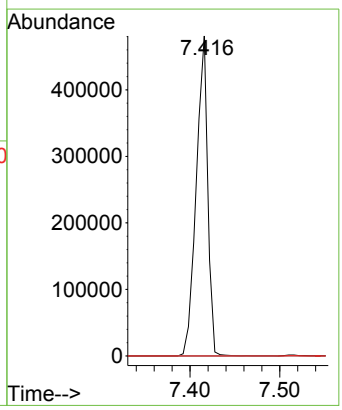


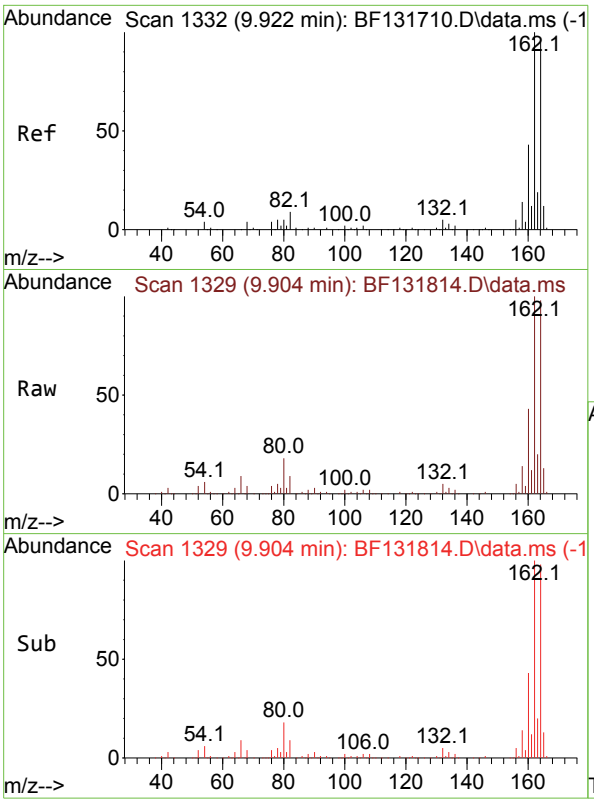


#25
Isophorone
Concen: 40.088 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion: 82 Resp: 428043

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.6	17.4#



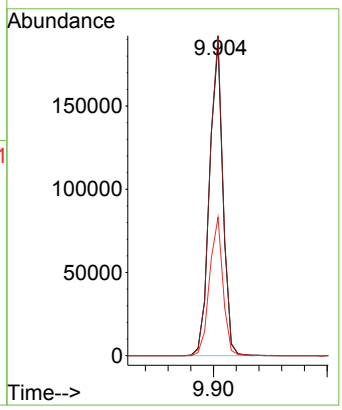


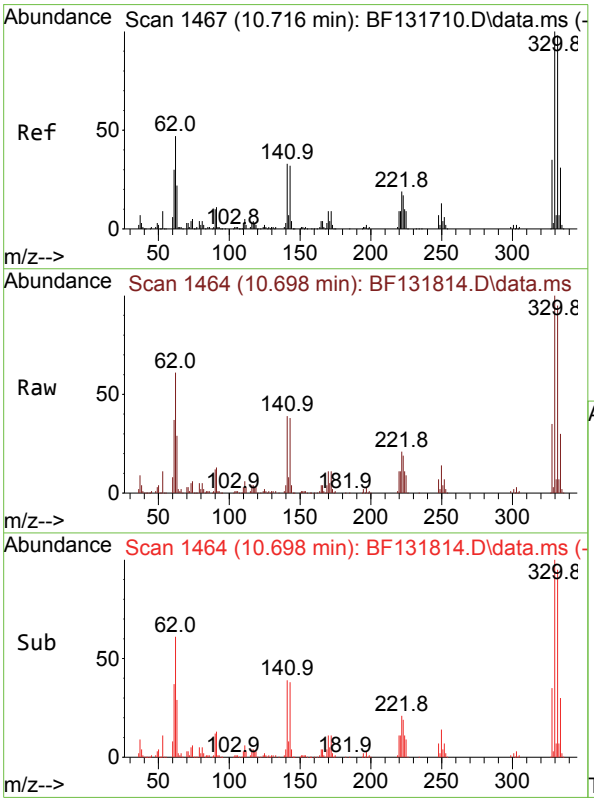
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion:164 Resp: 153601

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.7	125.5
160	44.3	36.2	54.4

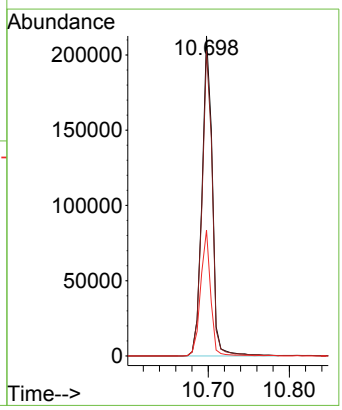


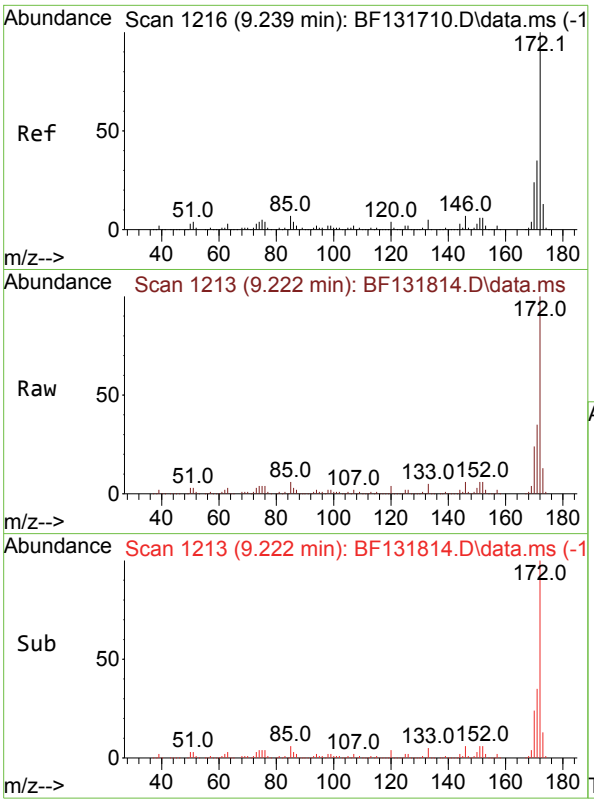


#42
2,4,6-Tribromophenol
Concen: 111.015 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:330 Resp: 186641

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	38.5	30.4	45.6



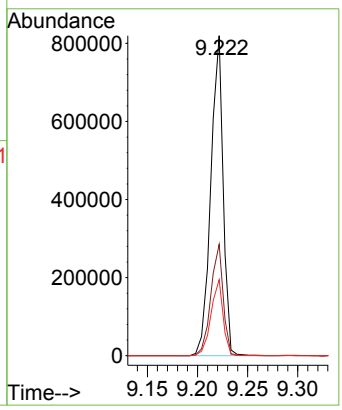


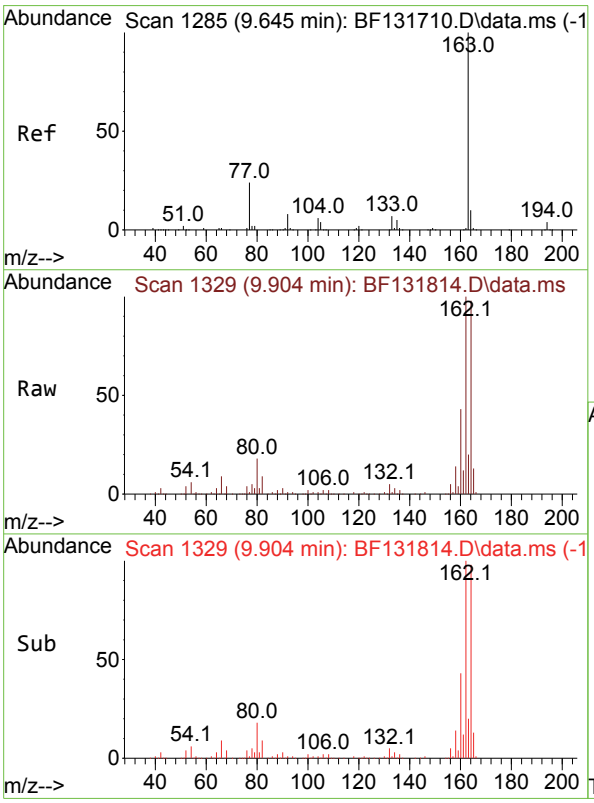
#45
2-Fluorobiphenyl
Concen: 64.108 ng
RT: 9.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion:172 Resp: 702945

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.7	19.0	28.4

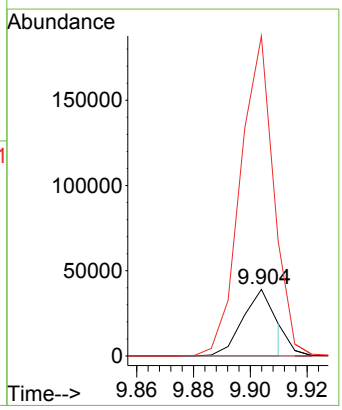


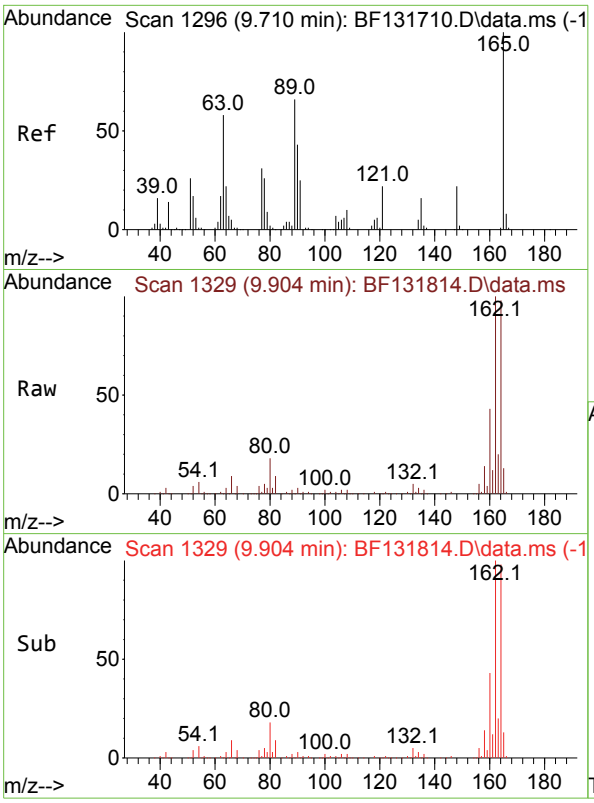


#50
Dimethylphthalate
Concen: 2.694 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.265 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:163 Resp: 31141

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	480.3	8.2	12.4#



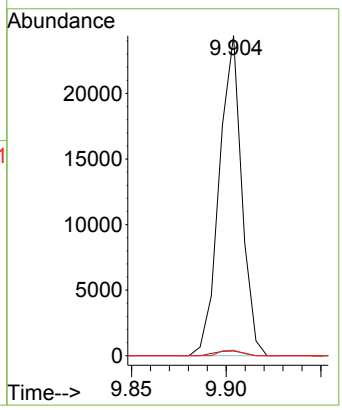


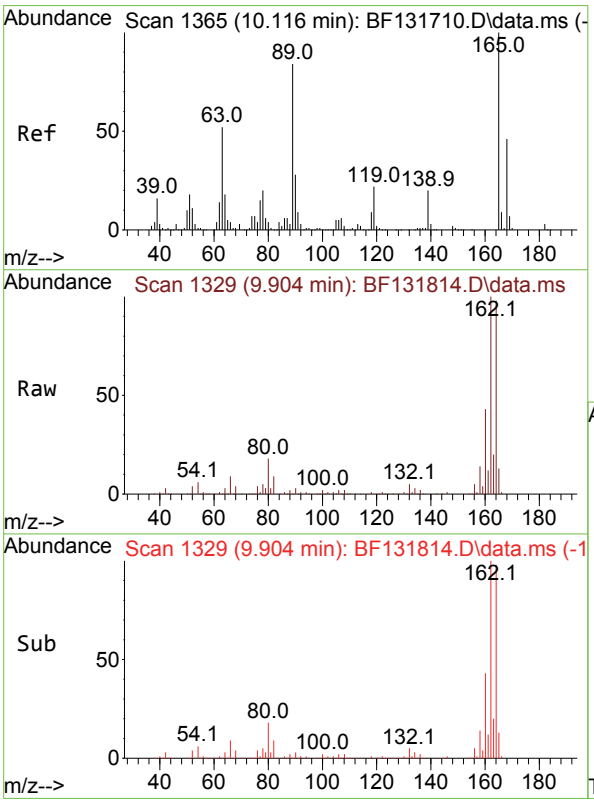
#51
2,6-Dinitrotoluene
Concen: 8.094 ng
RT: 9.904 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion:165 Resp: 20114

Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.7	53.2	79.8#

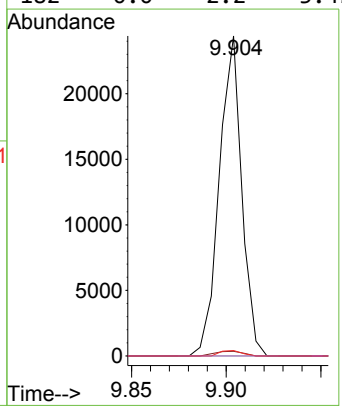


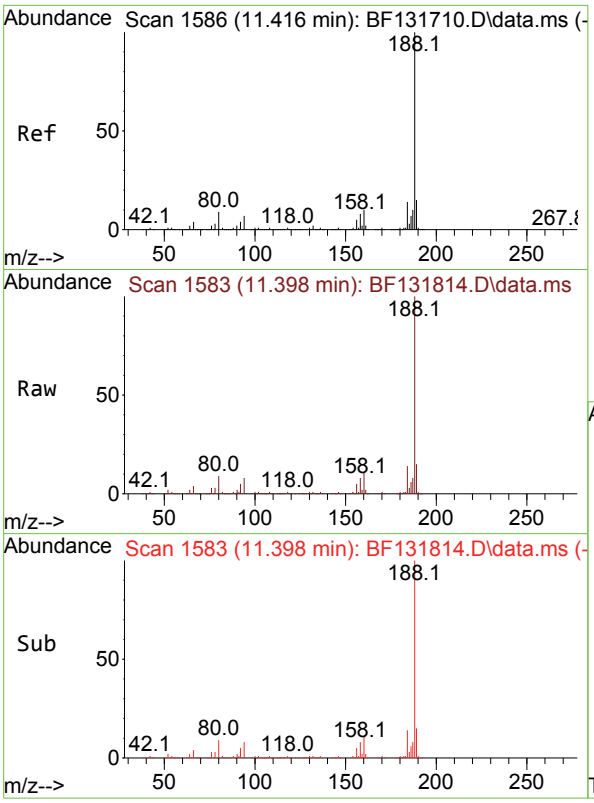


#57
2,4-Dinitrotoluene
Concen: 6.023 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.206 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:165 Resp: 20114

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.5	62.3#
89	1.7	67.0	100.4#
182	0.0	2.2	3.4#



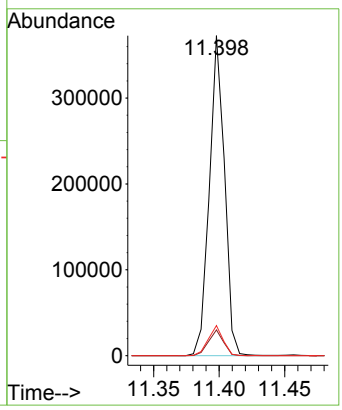


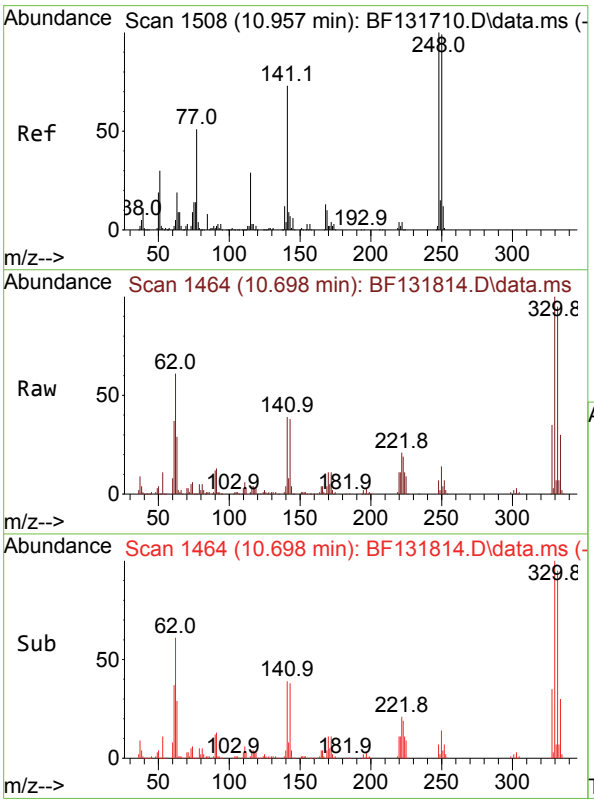
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion:188 Resp: 299938

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.9	8.9
80	9.4	7.0	10.6

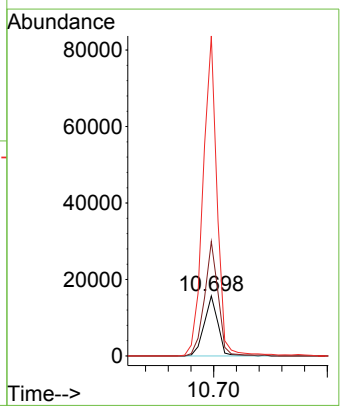


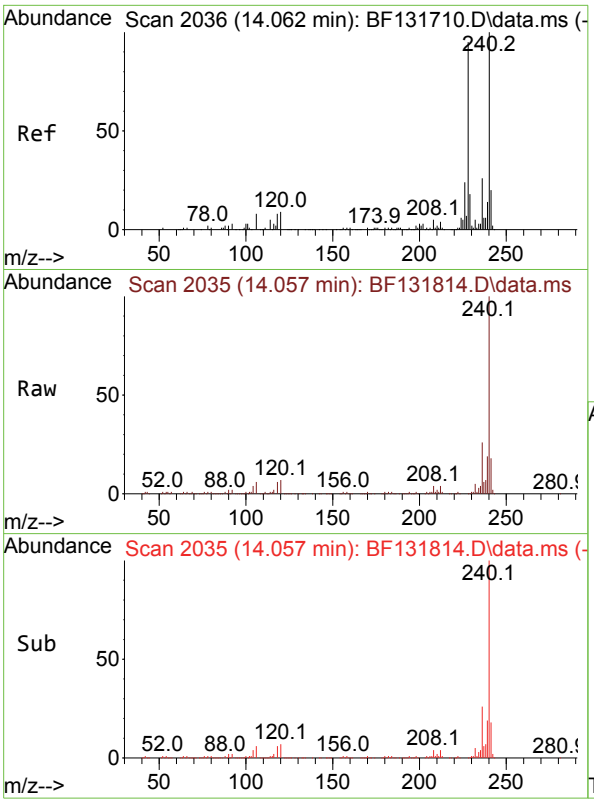


#67
4-Bromophenyl-phenylether
Concen: 3.748 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:248 Resp: 13276

Ion	Ratio	Lower	Upper
248	100		
250	190.7	79.4	119.0#
141	533.8	58.1	87.1#



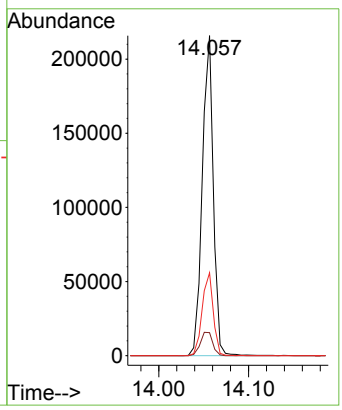


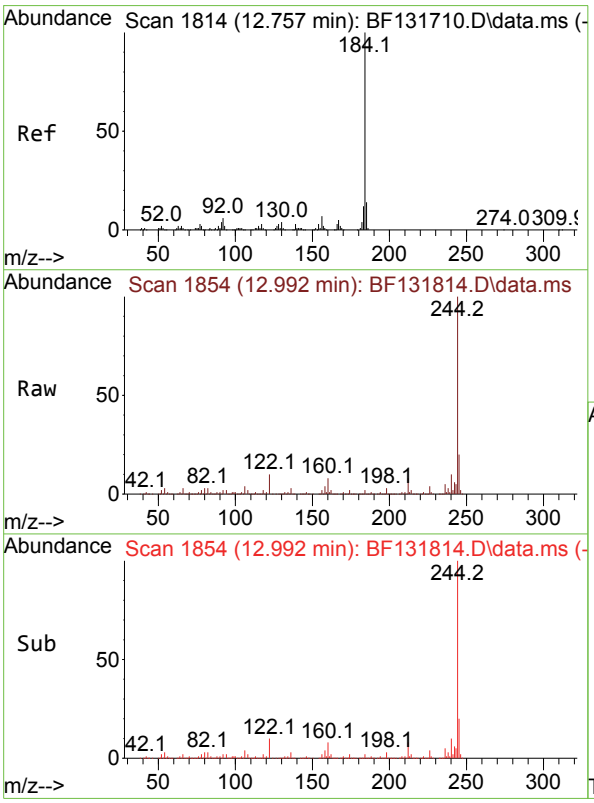
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

Tgt Ion:240 Resp: 183855

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.6	11.4#
236	25.9	21.2	31.8

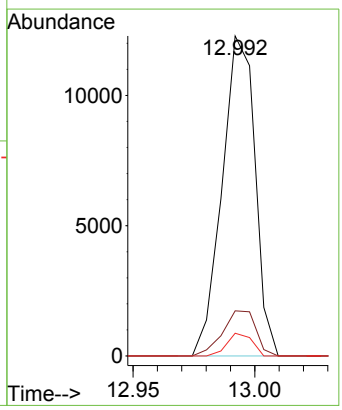


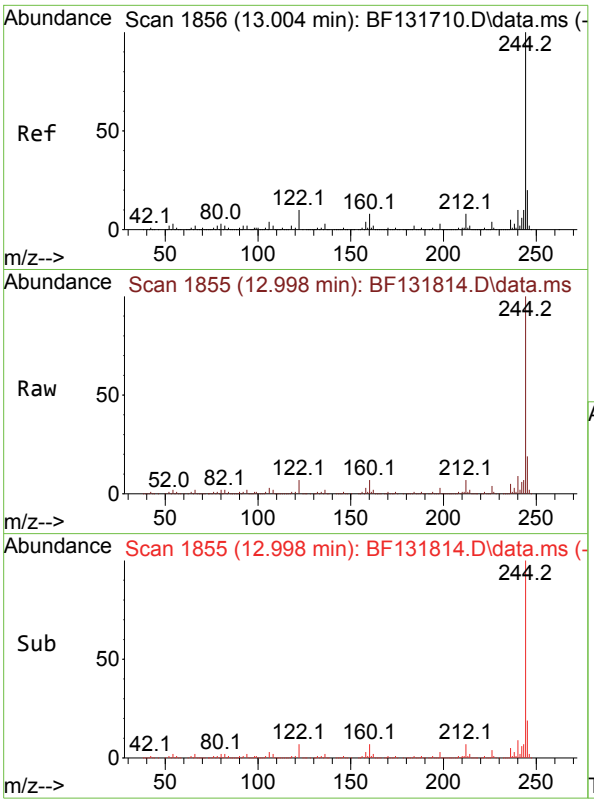


#77
Benzidine
Concen: 3.424 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.241 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:184 Resp: 11544

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	7.1	9.3	13.9#



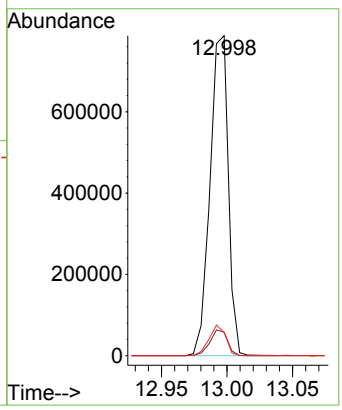


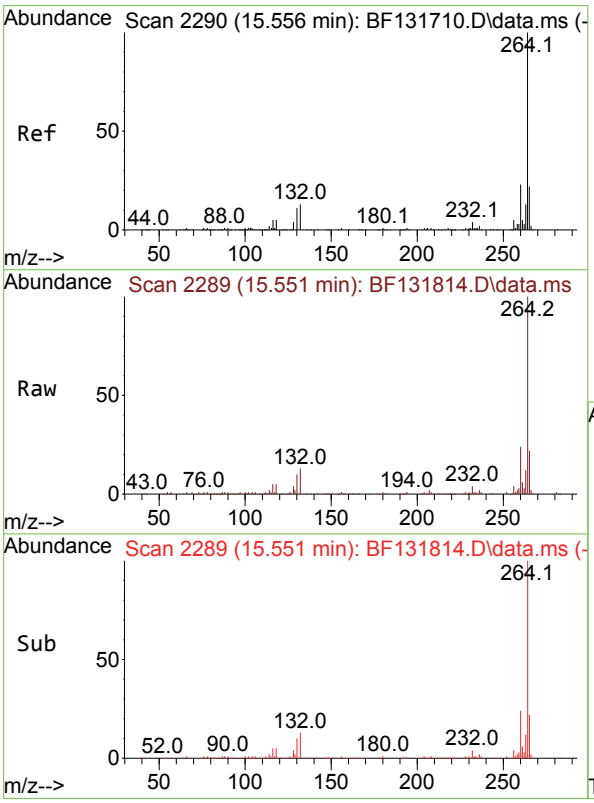
#79
Terphenyl-d14
Concen: 64.787 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Instrument :
BNA_F
ClientSampleId :
20221420-COMPOSITE-C

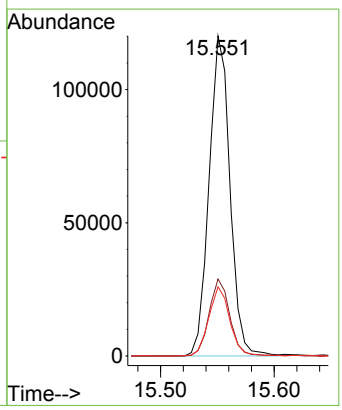
Tgt Ion:244 Resp: 764273

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	7.3	7.7	11.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.012 min
Lab File: BF131814.D
Acq: 23 Dec 2022 19:24

Tgt Ion:264 Resp: 153610

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.6	17.4	26.2