Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127624.D
Acq On : 01 Apr 2022 20:59
Operator : CG\JU
Sample : N2220-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A03015

Quant Time: Apr 01 23:49:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	103802	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	402031	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	237615	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	417044	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	246283	20.000	ng	0.00
86) Perylene-d12	15.498	264	198860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	686638	105.588	ng	0.00
7) Phenol-d6	6.475	99	952244	107.125	ng	0.00
23) Nitrobenzene-d5	7.404	82	638812	67.921	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	237360	93.773	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1058146	65.027	ng	0.00
79) Terphenyl-d14	12.951	244	1138831	75.697	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1666	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	85878	16.117	ng	# 80
25) Isophorone	7.404	82	638805	42.645	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	30148	8.688	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	30148	6.750	ng	# 13
58) Fluorene	10.663	166	9841	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.663	248	16098	3.306	ng	# 1
77) Benzidine	12.945	184	14401	2.452	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127624.D
Acq On : 01 Apr 2022 20:59
Operator : CG\JU
Sample : N2220-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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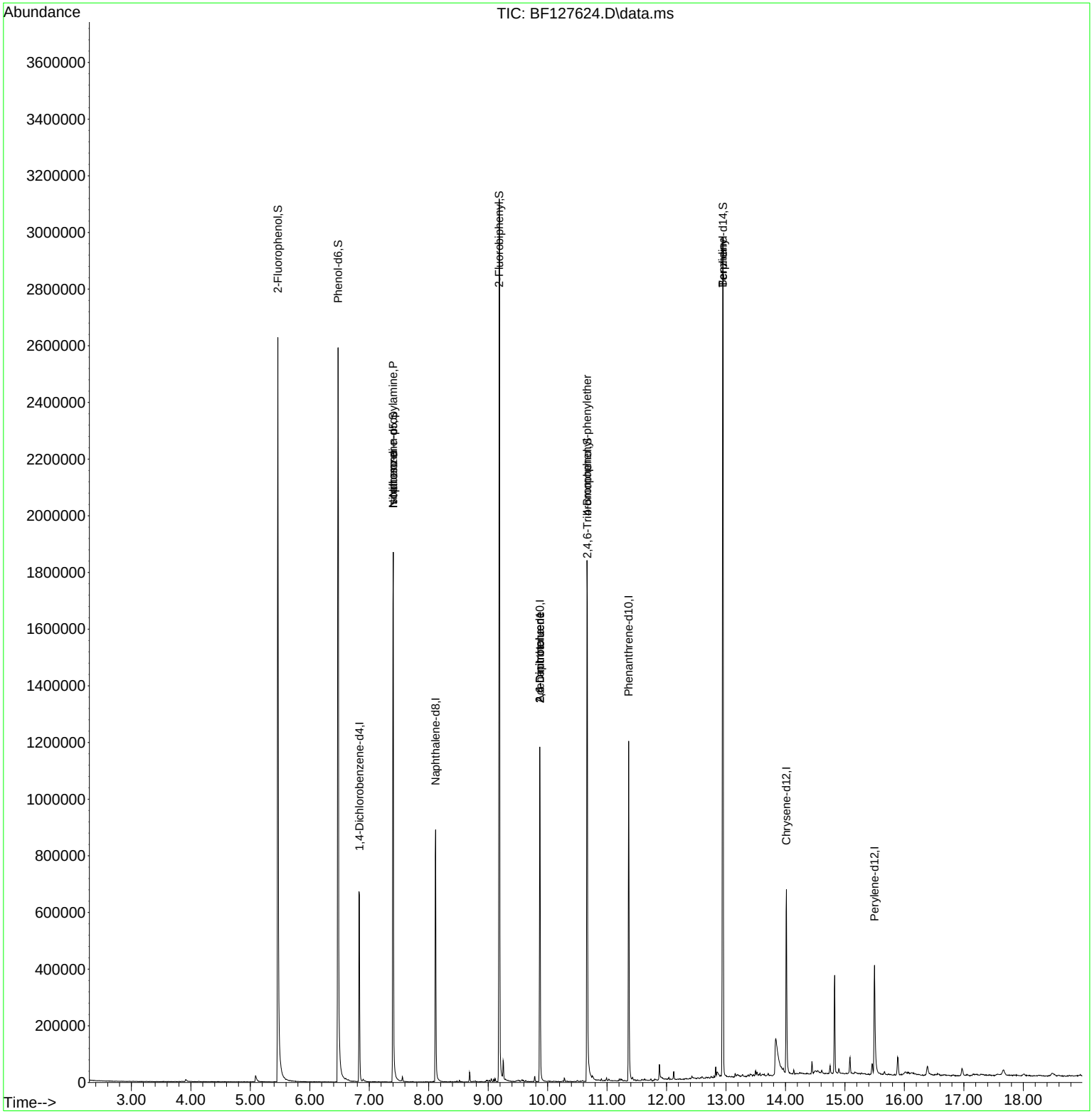
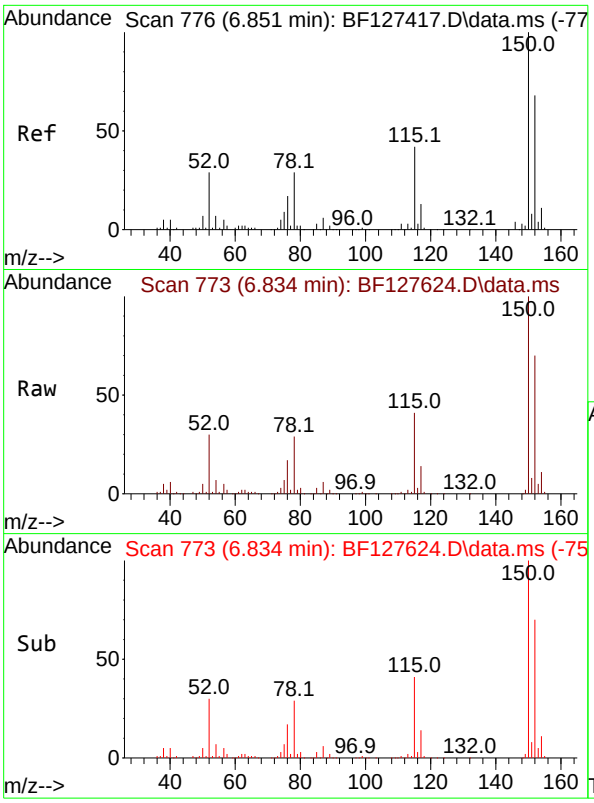


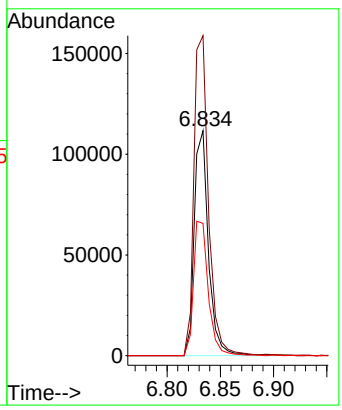


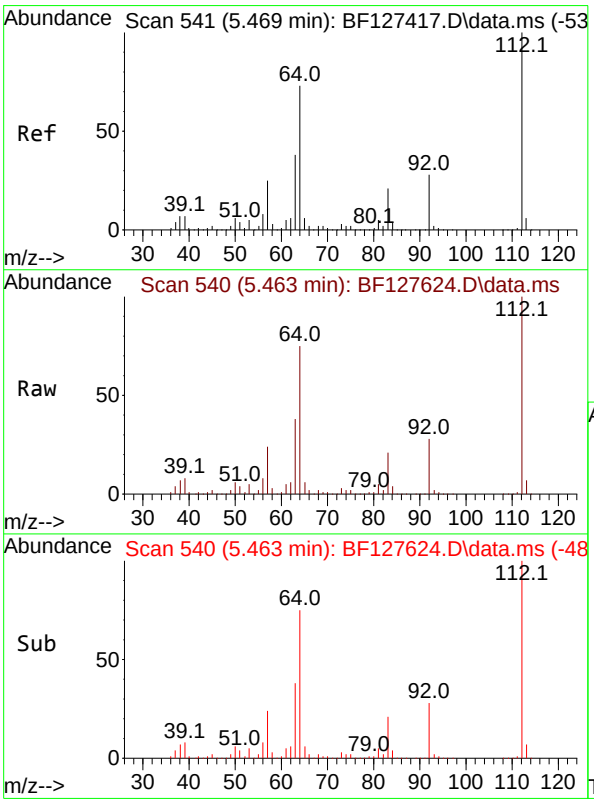
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion:152 Resp: 103802

Ion	Ratio	Lower	Upper
152	100		
150	142.2	117.2	175.8
115	58.8	49.8	74.6

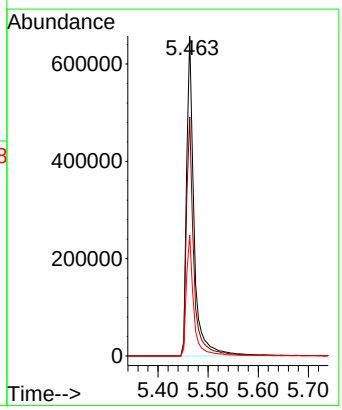


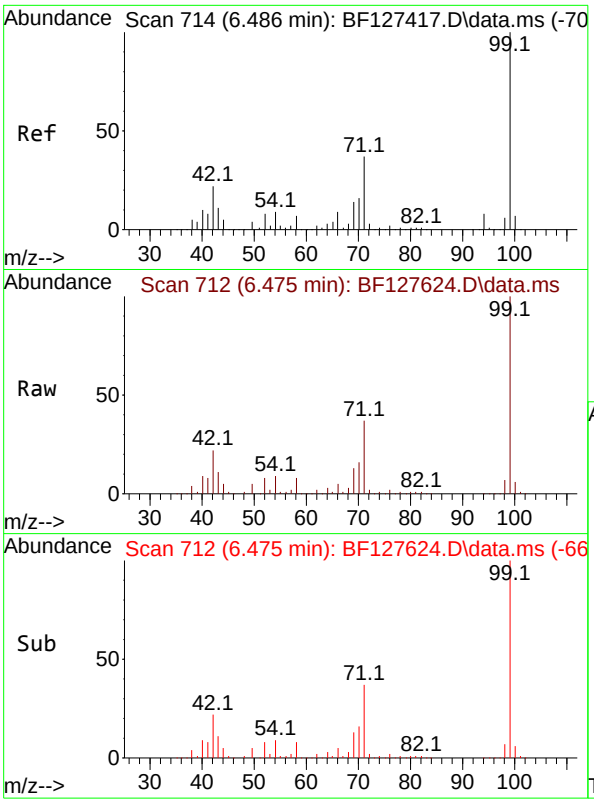


#5
2-Fluorophenol
Concen: 105.588 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion:112 Resp: 686638

Ion	Ratio	Lower	Upper
112	100		
64	74.7	58.4	87.6
63	37.8	30.1	45.1



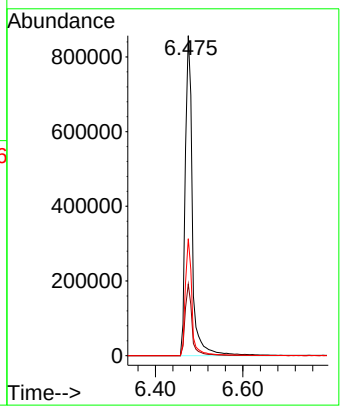


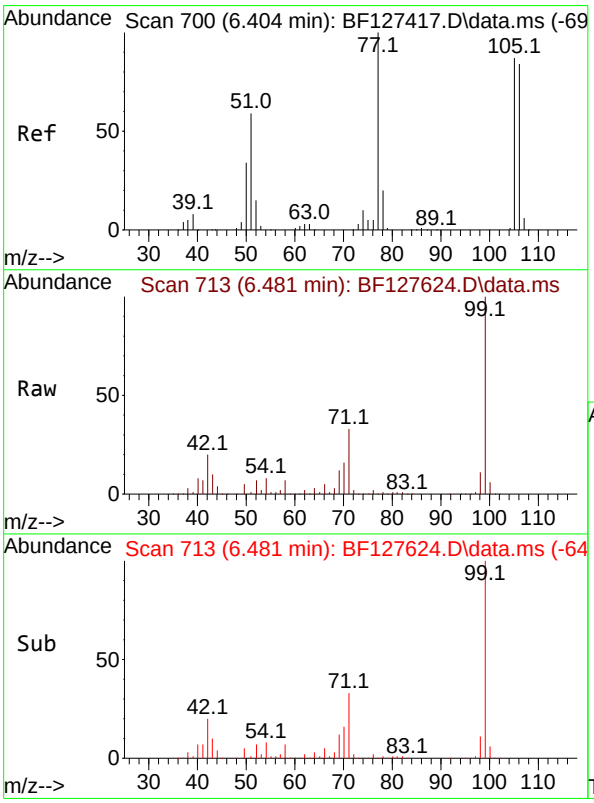
#7
Phenol-d6
Concen: 107.125 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion: 99 Resp: 952244

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.8	26.6
71	36.6	29.6	44.4

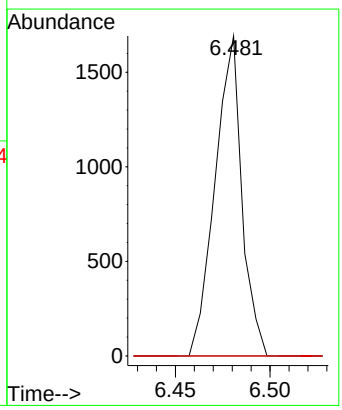


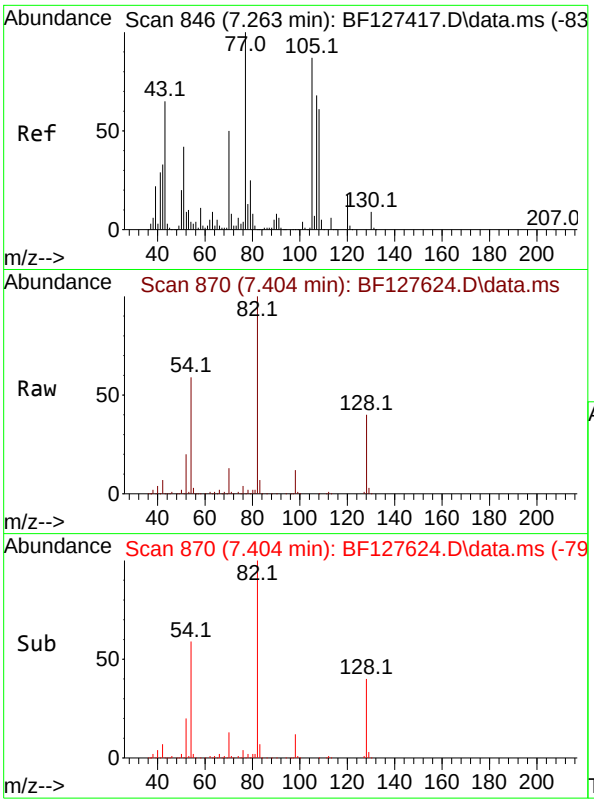


#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion: 77 Resp: 1666

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#



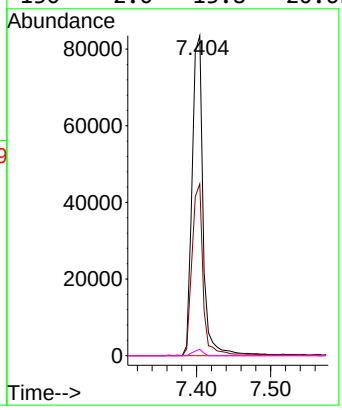


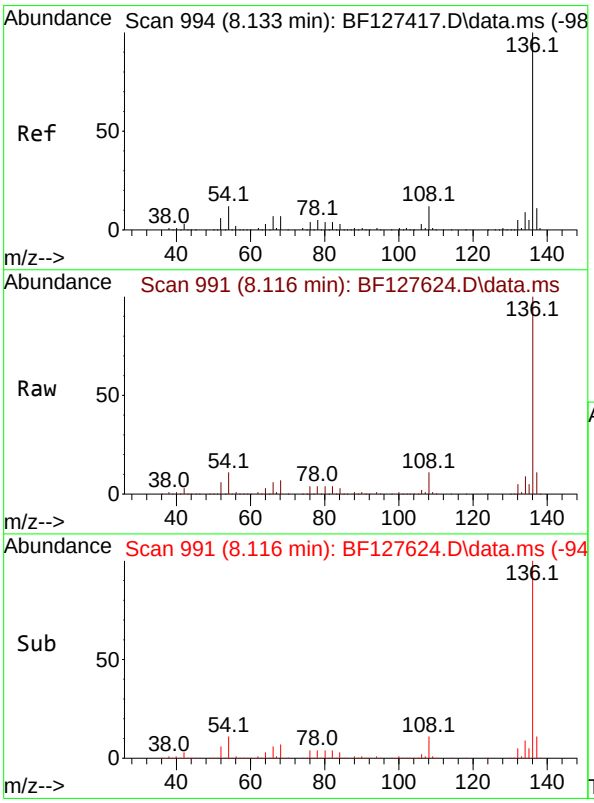
#19
n-Nitroso-di-n-propylamine
Concen: 16.117 ng
RT: 7.404 min Scan# 8
Delta R.T. 0.153 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion: 70 Resp: 85878

Ion	Ratio	Lower	Upper
70	100		
42	53.7	53.0	79.6
101	0.0	6.8	10.2#
130	2.0	13.8	20.6#

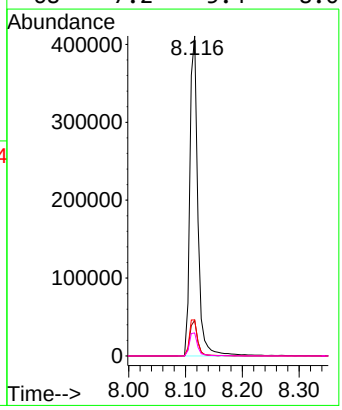


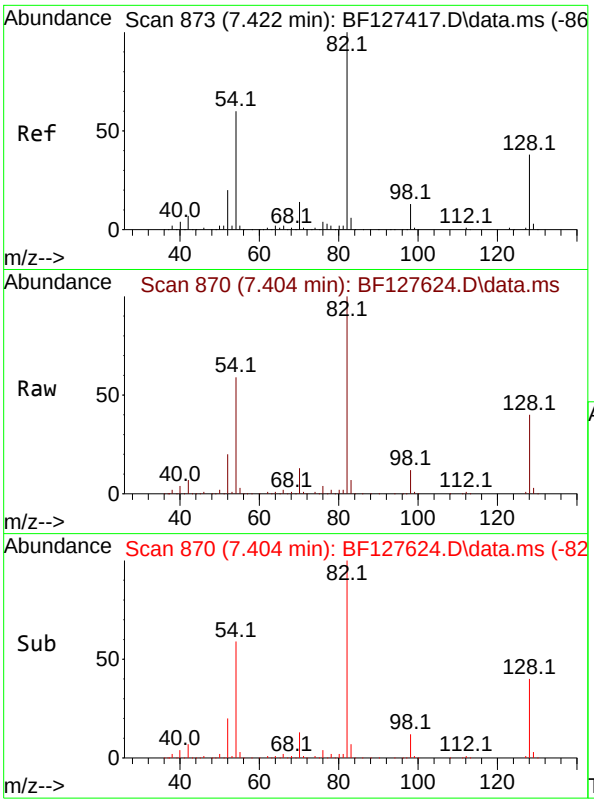


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion:136 Resp: 402031

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	11.3	9.2	13.8
68	7.2	5.4	8.0



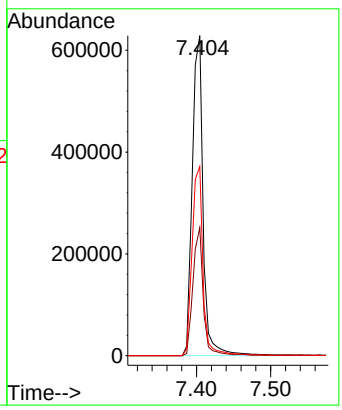


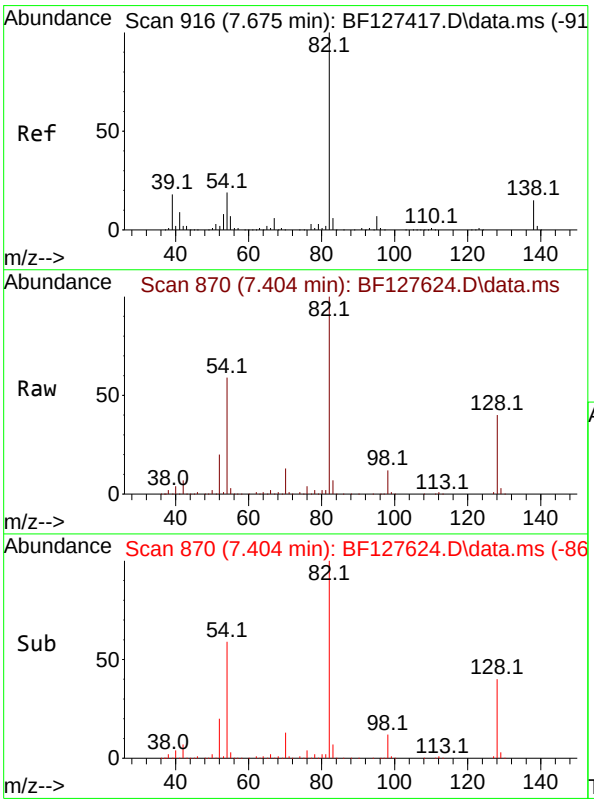
#23
Nitrobenzene-d5
Concen: 67.921 ng
RT: 7.404 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion: 82 Resp: 638812

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.6	45.8
54	59.1	48.2	72.2

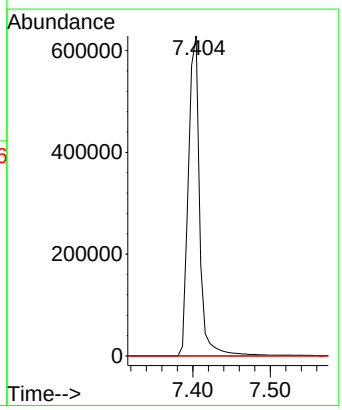


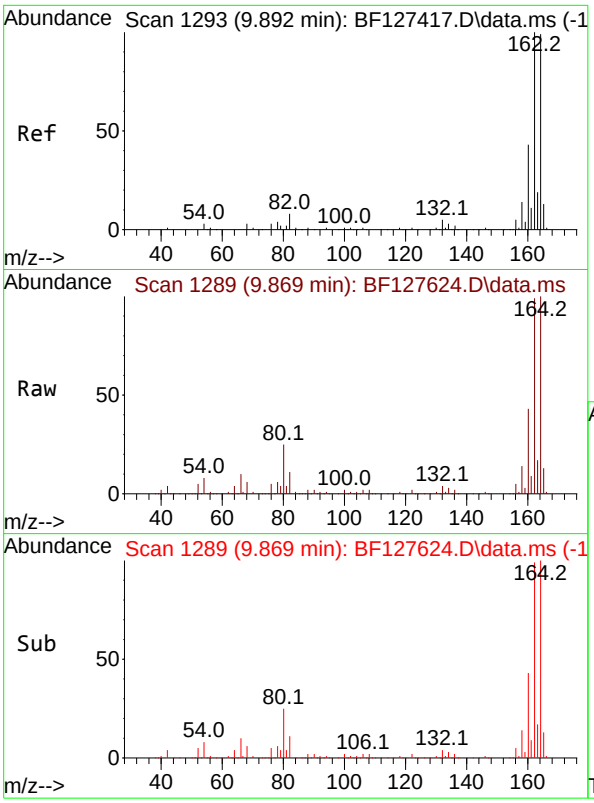


#25
Isophorone
Concen: 42.645 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion: 82 Resp: 638805

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#



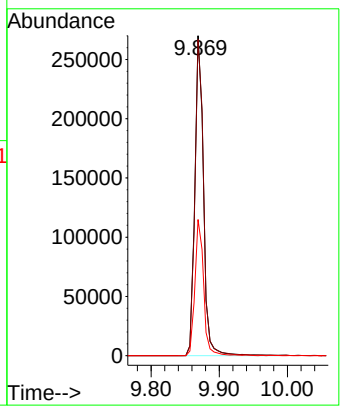


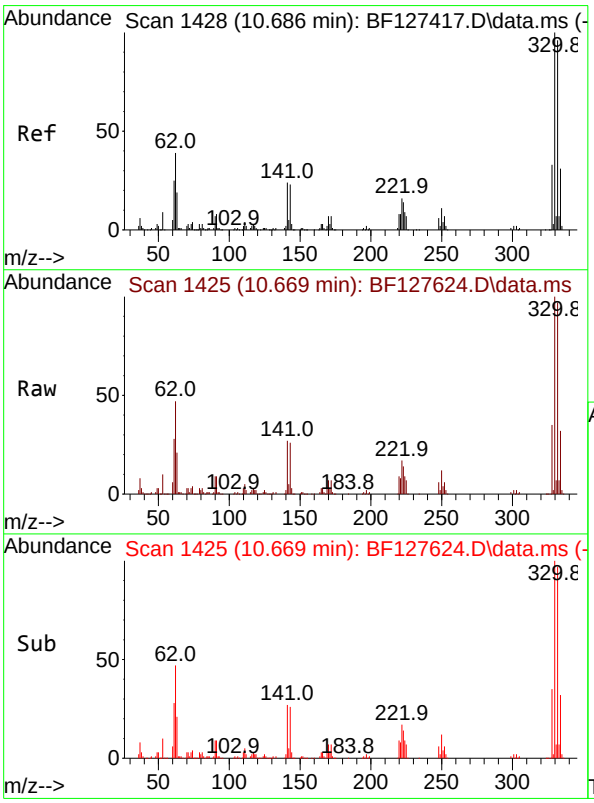
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion:164 Resp: 237615

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.2	121.8
160	42.6	34.6	52.0

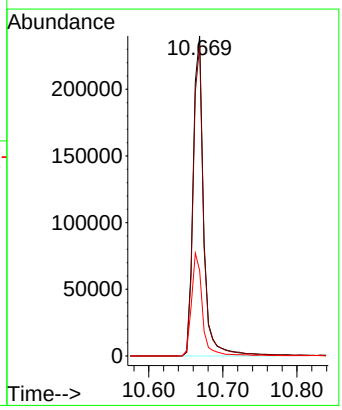


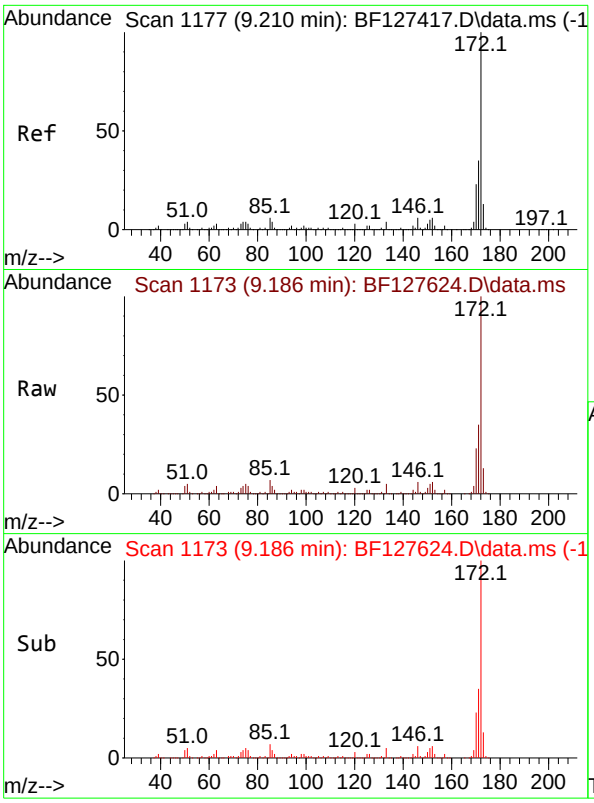


#42
2,4,6-Tribromophenol
Concen: 93.773 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion:330 Resp: 237360

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.1	118.7
141	33.1	26.2	39.4



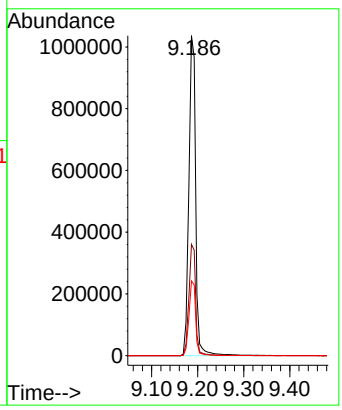


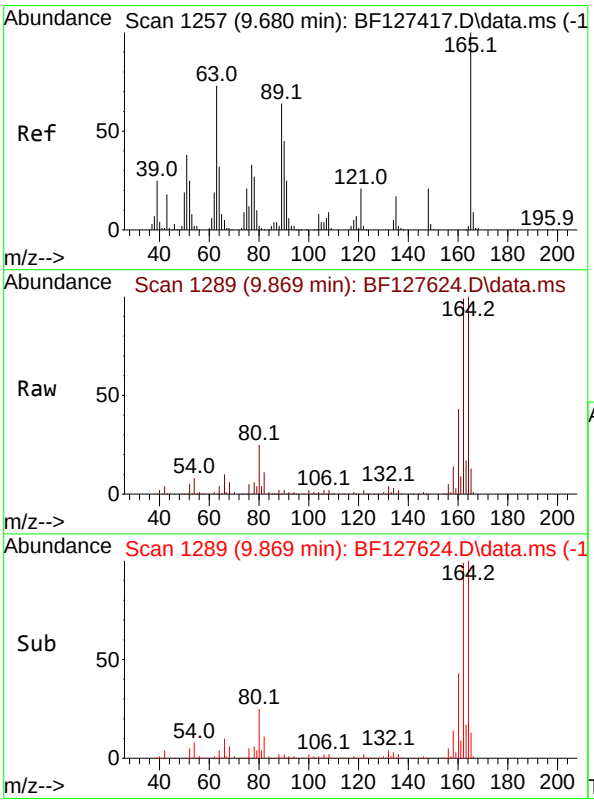
#45
2-Fluorobiphenyl
Concen: 65.027 ng
RT: 9.186 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion:172 Resp: 1058146

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.4	42.6
170	23.3	18.6	27.8

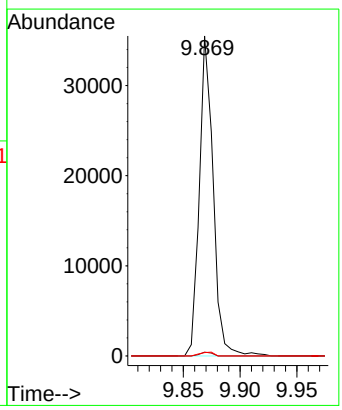


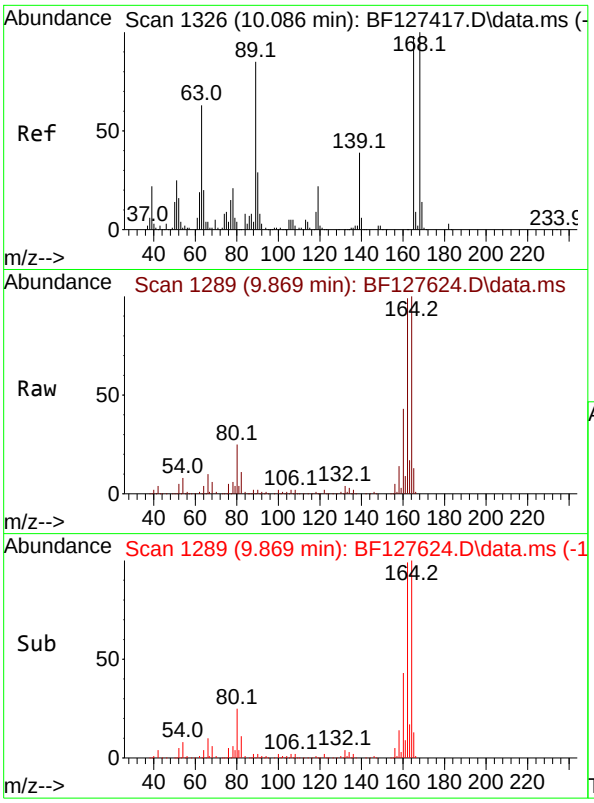


#51
2,6-Dinitrotoluene
Concen: 8.688 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion:165 Resp: 30148

Ion	Ratio	Lower	Upper
165	100		
63	1.2	58.3	87.5#
89	1.0	51.5	77.3#



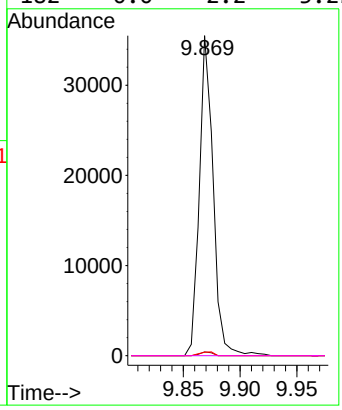


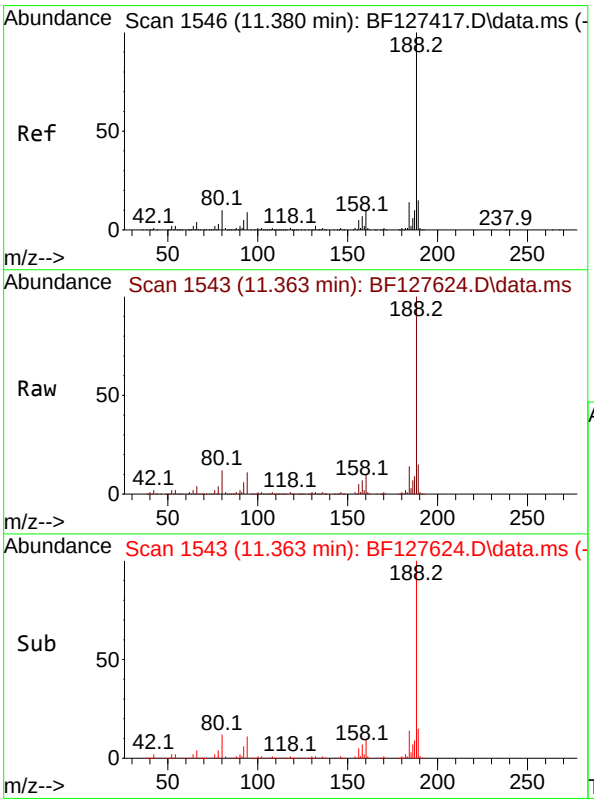
#57
2,4-Dinitrotoluene
Concen: 6.750 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion:165 Resp: 30148

Ion	Ratio	Lower	Upper
165	100		
63	1.2	53.1	79.7#
89	1.0	69.2	103.8#
182	0.0	2.2	3.2#

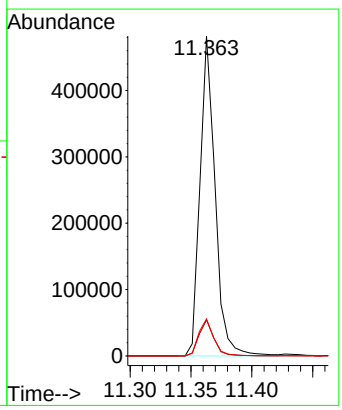


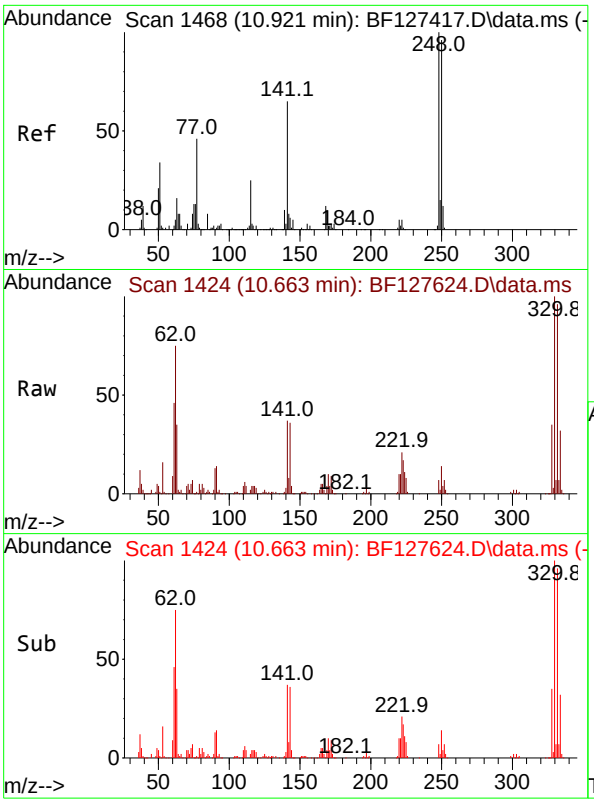


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion:188 Resp: 417044

Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.4	11.0#
80	11.6	8.0	12.0



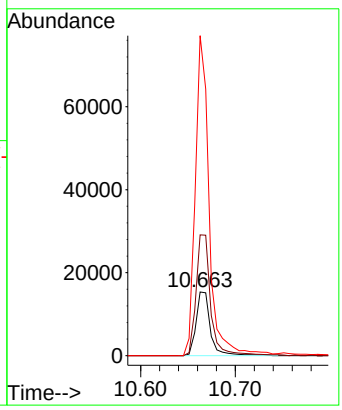


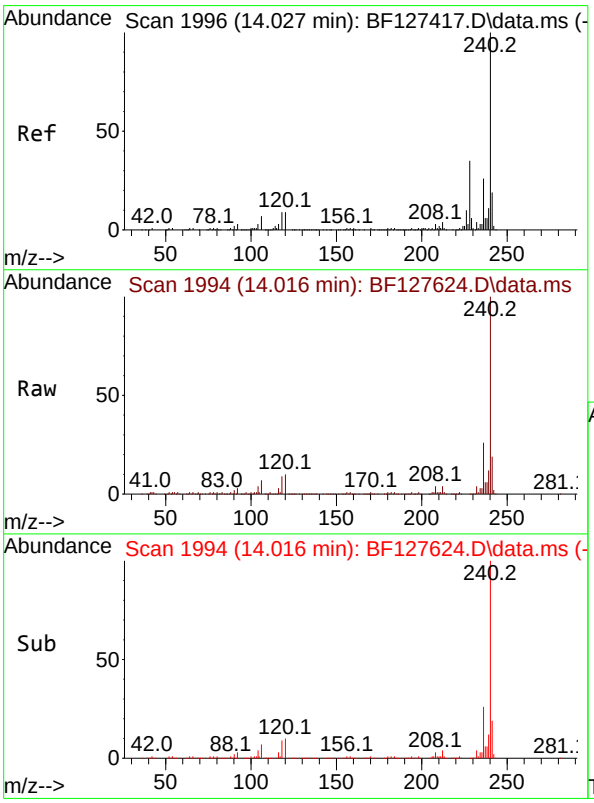
#67
4-Bromophenyl-phenylether
Concen: 3.306 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion:248 Resp: 16098

Ion	Ratio	Lower	Upper
248	100		
250	189.5	76.6	115.0#
141	502.1	52.2	78.2#

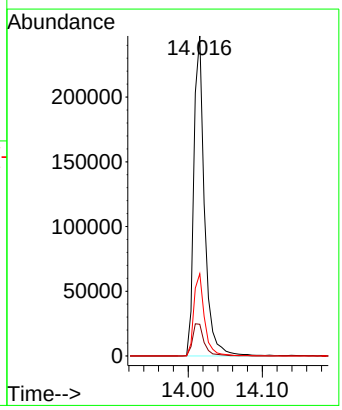


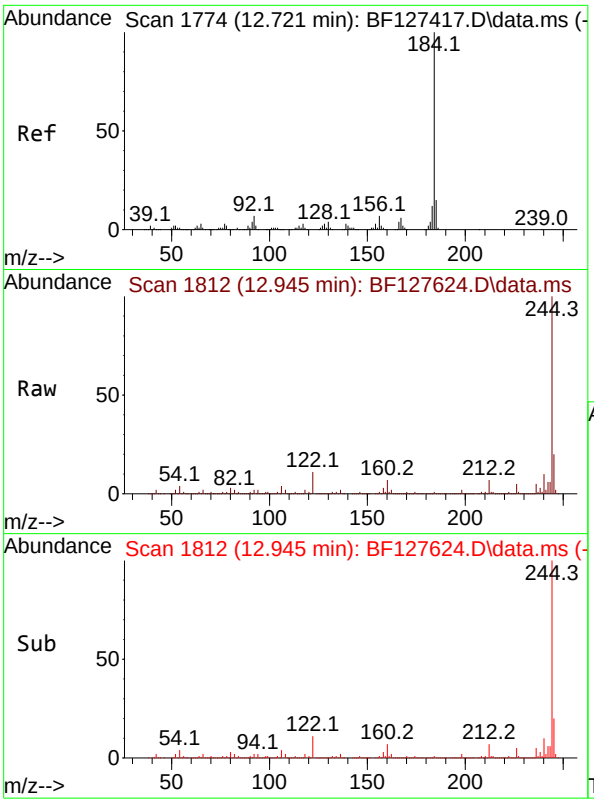


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion:240 Resp: 246283

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.1	10.7
236	25.7	20.7	31.1



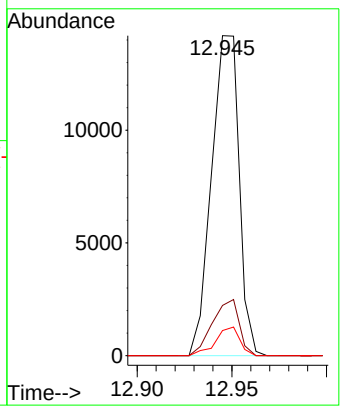


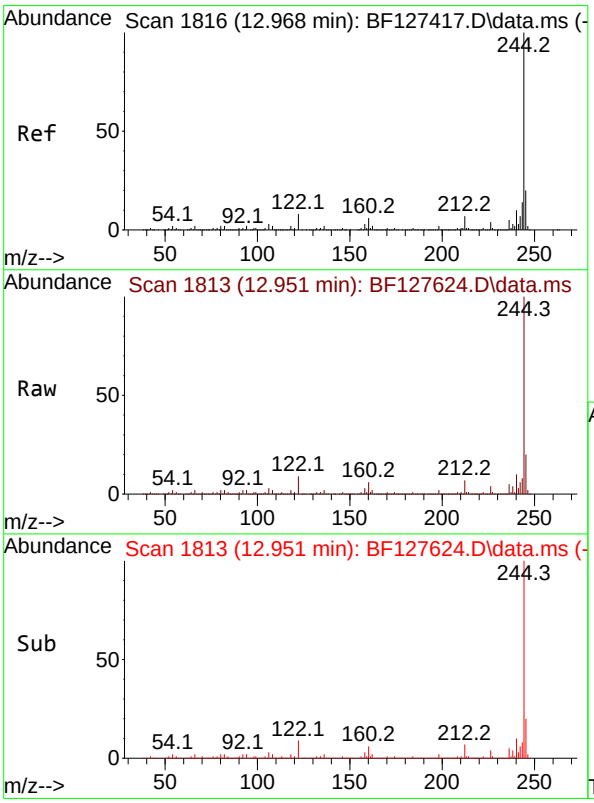
#77
Benzidine
Concen: 2.452 ng
RT: 12.945 min Scan# 1
Delta R.T. 0.235 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion:184 Resp: 14401

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	7.8	9.4	14.0#

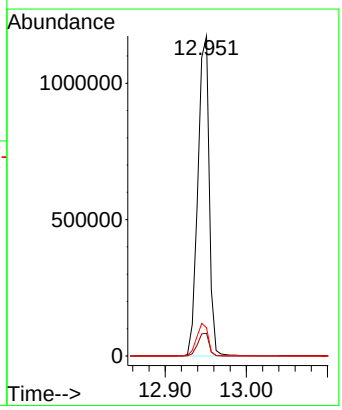


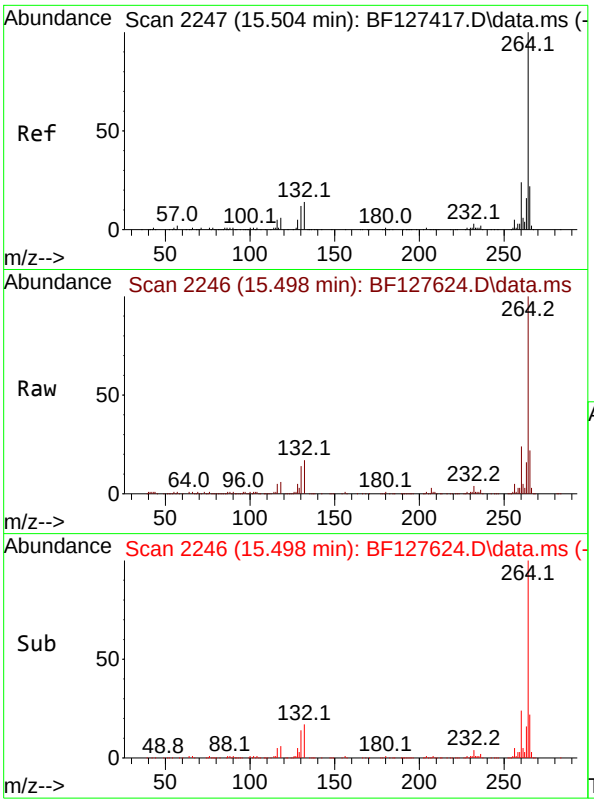


#79
Terphenyl-d14
Concen: 75.697 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Tgt Ion:244 Resp: 1138831

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.8	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF127624.D
Acq: 01 Apr 2022 20:59

Instrument :
BNA_F
ClientSampleId :
A03015

Tgt Ion:264 Resp: 198860

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	17.4	26.2