Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
Data File : BF127464.D
Acq On : 22 Mar 2022 21:12
Operator : CG\JU
Sample : N2011-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-D

Quant Time: Mar 23 03:02:52 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 22 02:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	104017	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	391126	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	231431	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	424877	20.000	ng	0.00
76) Chrysene-d12	14.021	240	239100	20.000	ng	0.00
86) Perylene-d12	15.504	264	208442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	567257	87.050	ng	0.00
7) Phenol-d6	6.481	99	869758	97.643	ng	0.00
23) Nitrobenzene-d5	7.416	82	634579	69.352	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	201460	81.717	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1111392	70.124	ng	0.00
79) Terphenyl-d14	12.963	244	1268725	86.864	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	1331	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	84559	15.837	ng	# 78
25) Isophorone	7.416	82	634573	43.543	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	29340	8.681	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	29340	6.745	ng	# 13
58) Fluorene	10.675	166	7898	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.680	248	13175	2.656	ng	# 1
77) Benzidine	12.963	184	15935	2.795	ng	# 94

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

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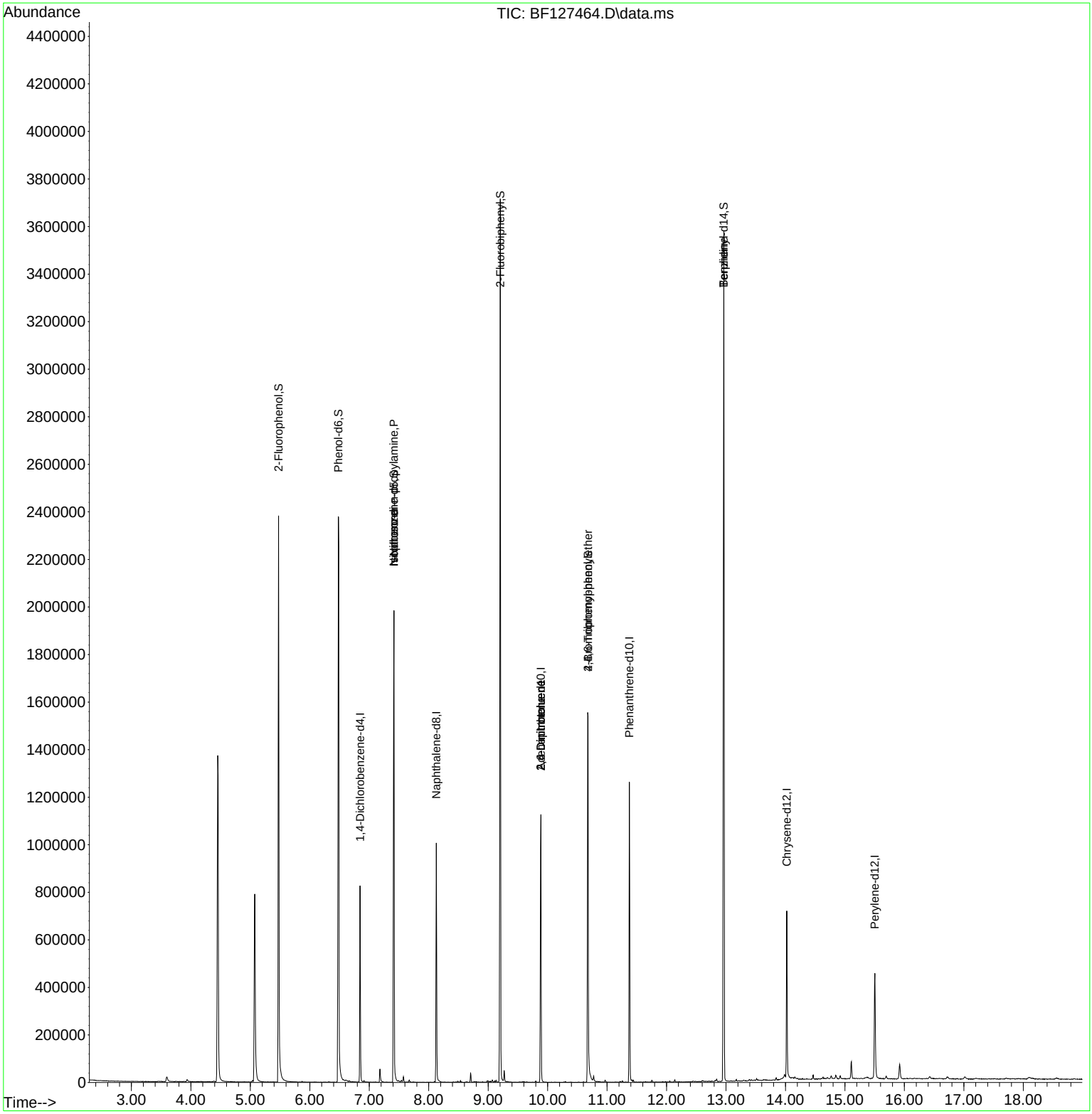
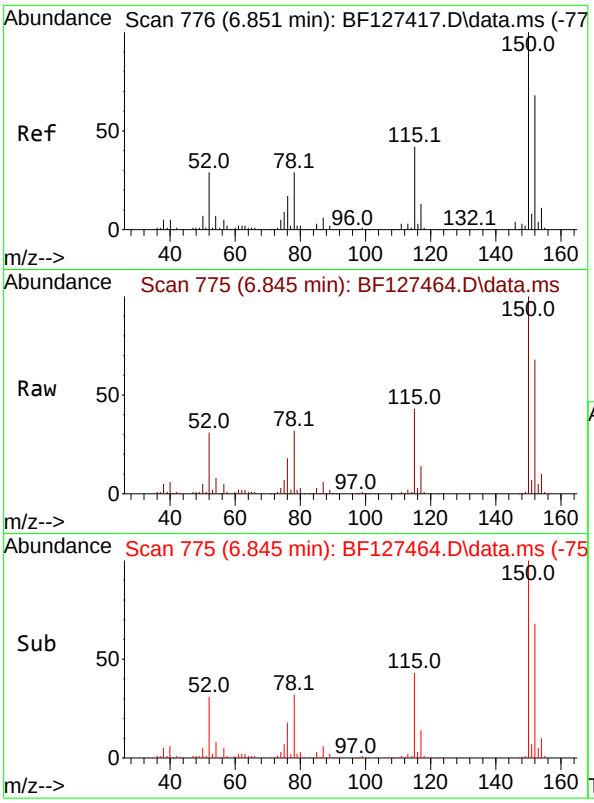


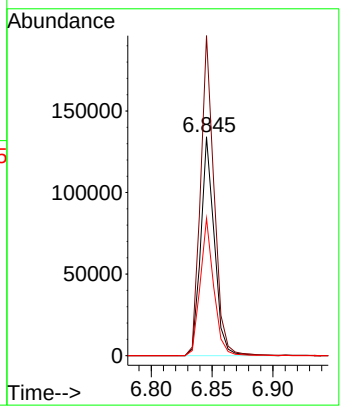


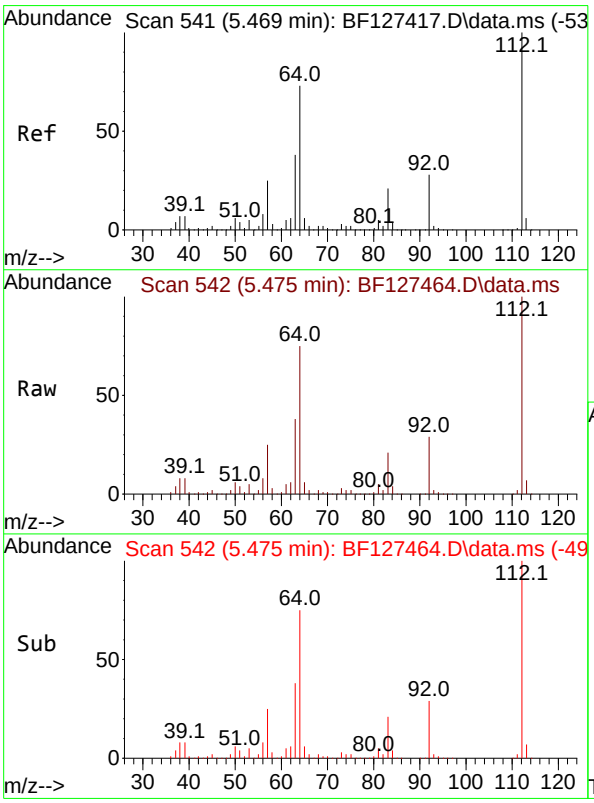
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion:152 Resp: 104017

Ion	Ratio	Lower	Upper
152	100		
150	146.2	117.2	175.8
115	62.7	49.8	74.6

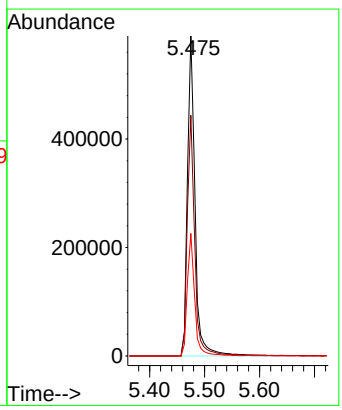


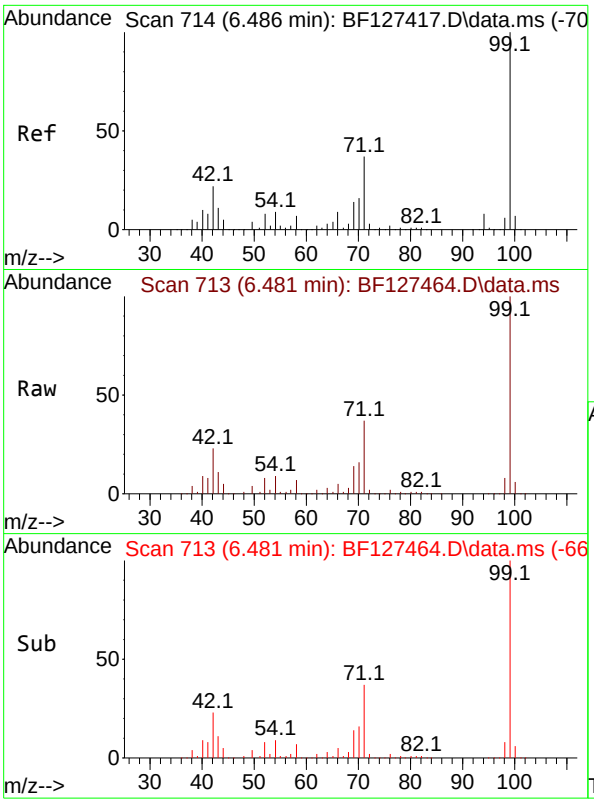


#5
2-Fluorophenol
Concen: 87.050 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion:112 Resp: 567257

Ion	Ratio	Lower	Upper
112	100		
64	75.2	58.4	87.6
63	38.3	30.1	45.1



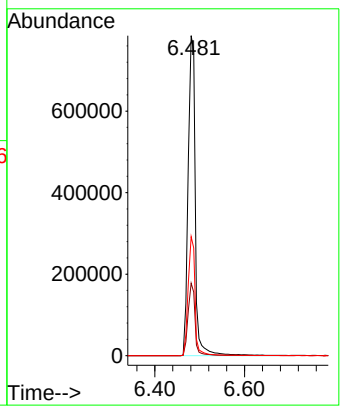


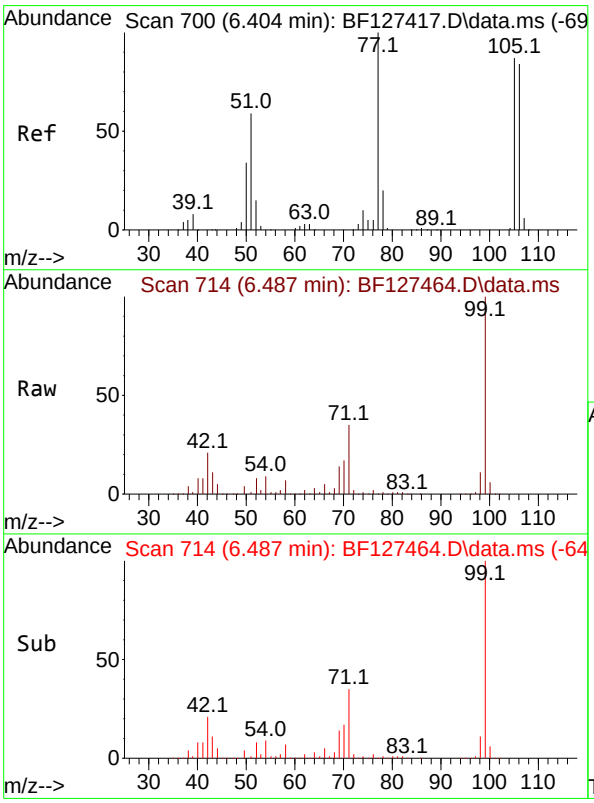
#7
Phenol-d6
Concen: 97.643 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion: 99 Resp: 869758

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.8	26.6
71	37.2	29.6	44.4

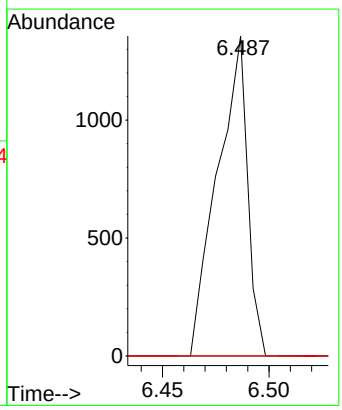


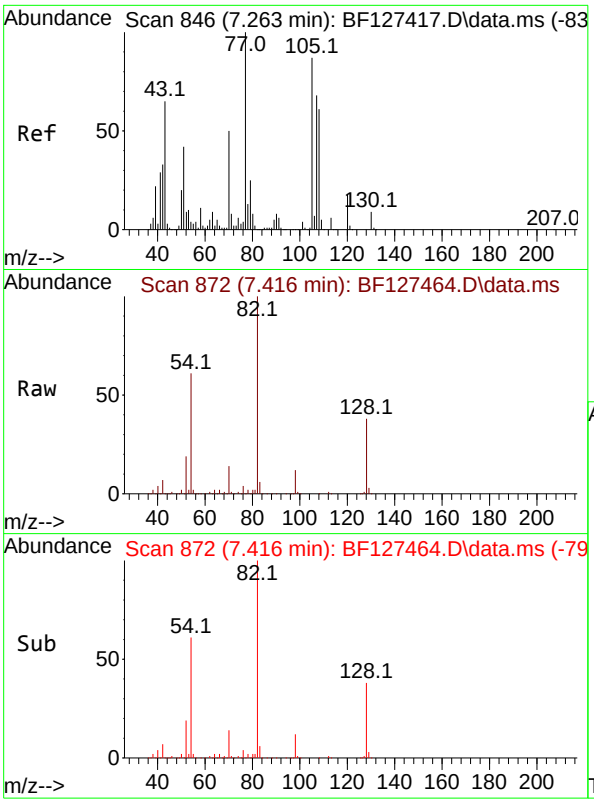


#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion: 77 Resp: 1331

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



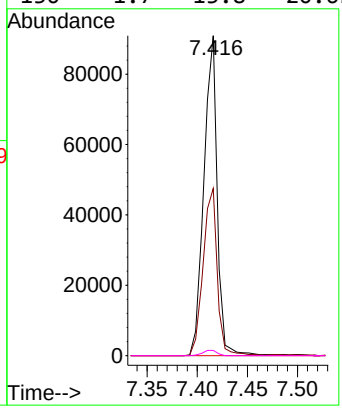


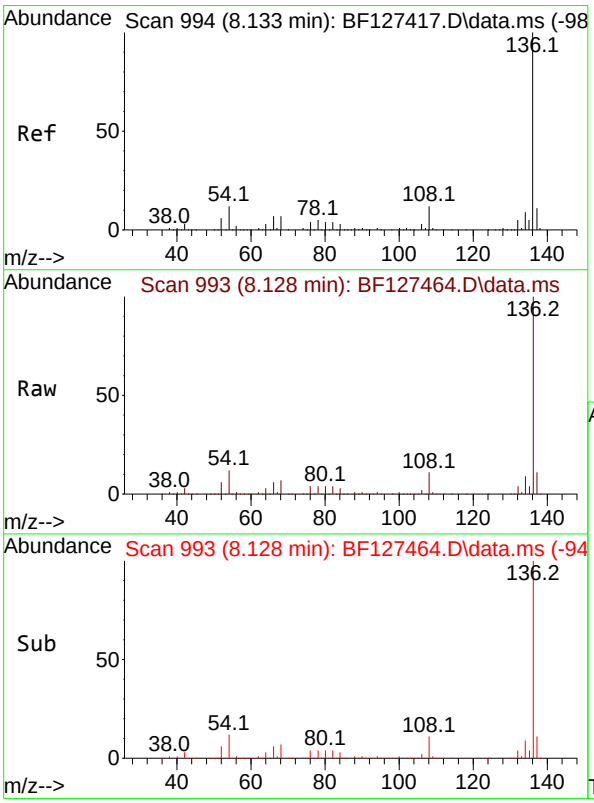
#19
n-Nitroso-di-n-propylamine
Concen: 15.837 ng
RT: 7.416 min Scan# 8
Delta R.T. 0.153 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion: 70 Resp: 84559

Ion	Ratio	Lower	Upper
70	100		
42	52.3	53.0	79.6#
101	0.0	6.8	10.2#
130	1.7	13.8	20.6#

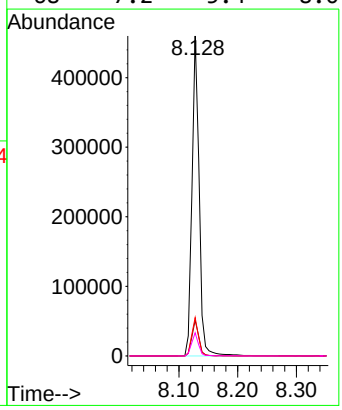


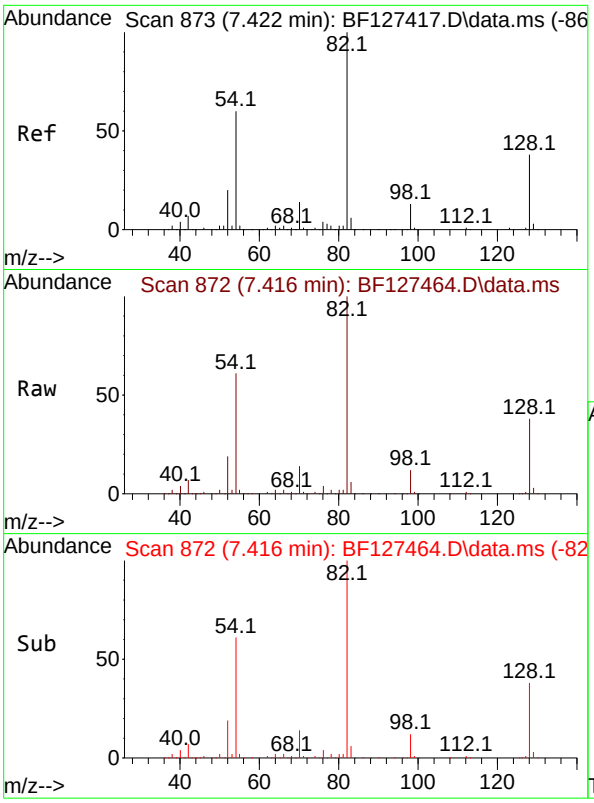


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion:136 Resp: 391126

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	12.0	9.2	13.8
68	7.2	5.4	8.0



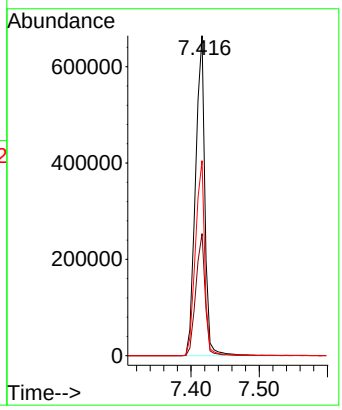


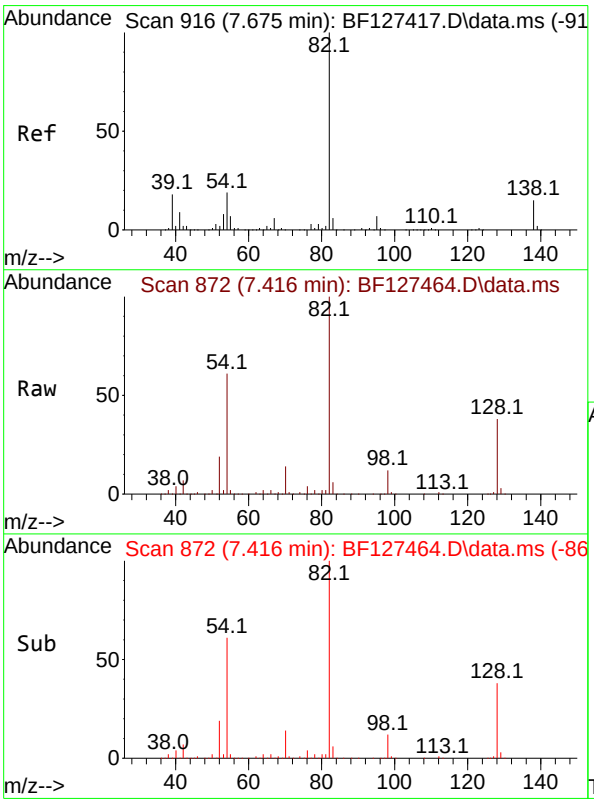
#23
Nitrobenzene-d5
Concen: 69.352 ng
RT: 7.416 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion: 82 Resp: 634579

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.6	45.8
54	61.0	48.2	72.2

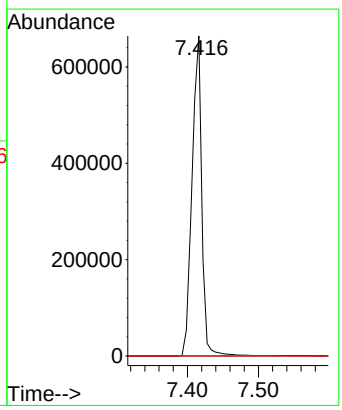


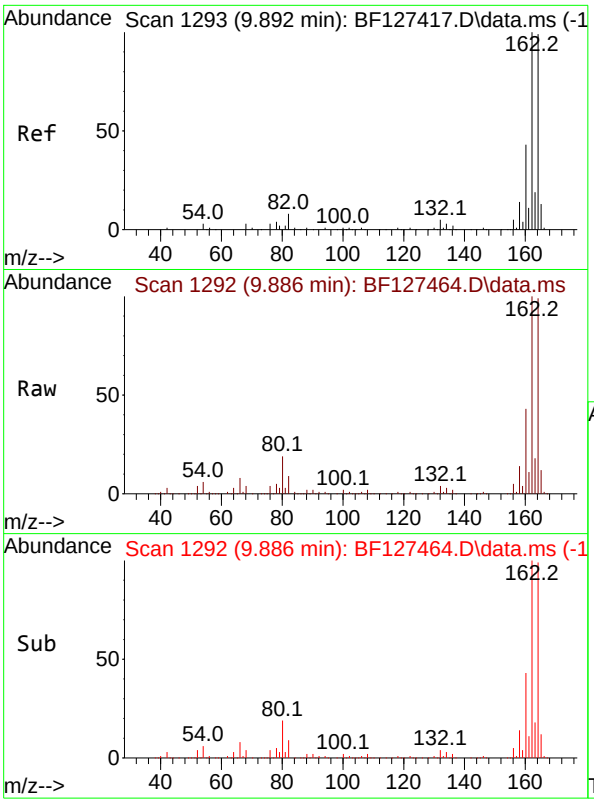


#25
Isophorone
Concen: 43.543 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion: 82 Resp: 634573

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



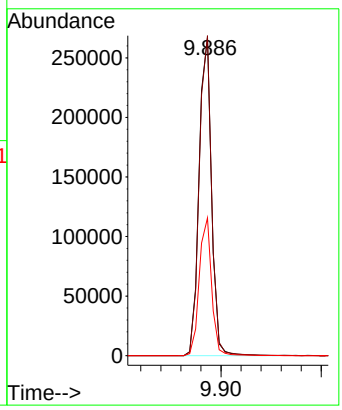


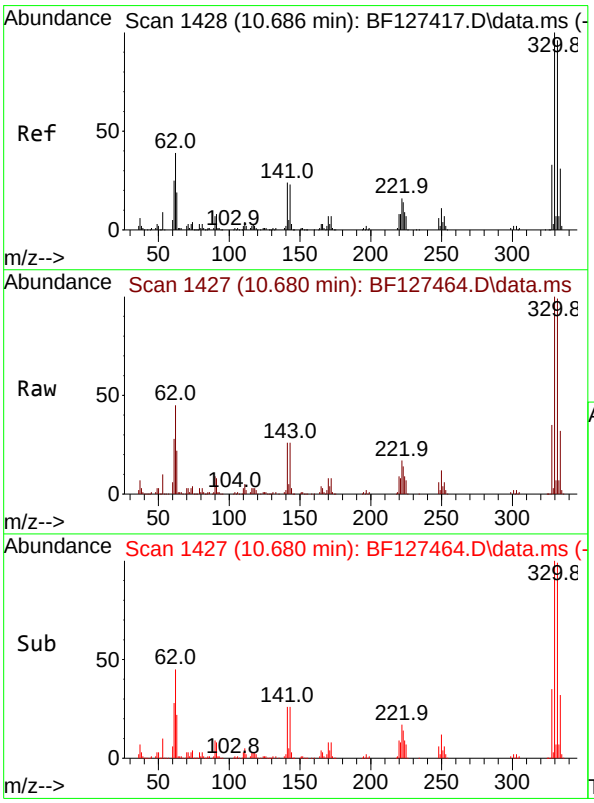
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion:164 Resp: 231431

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	43.3	34.6	52.0

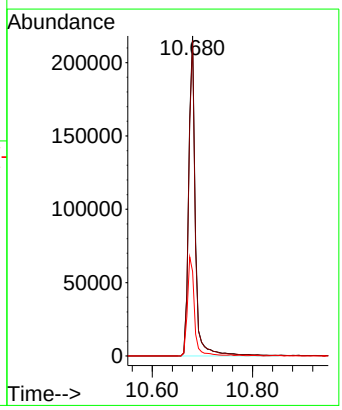


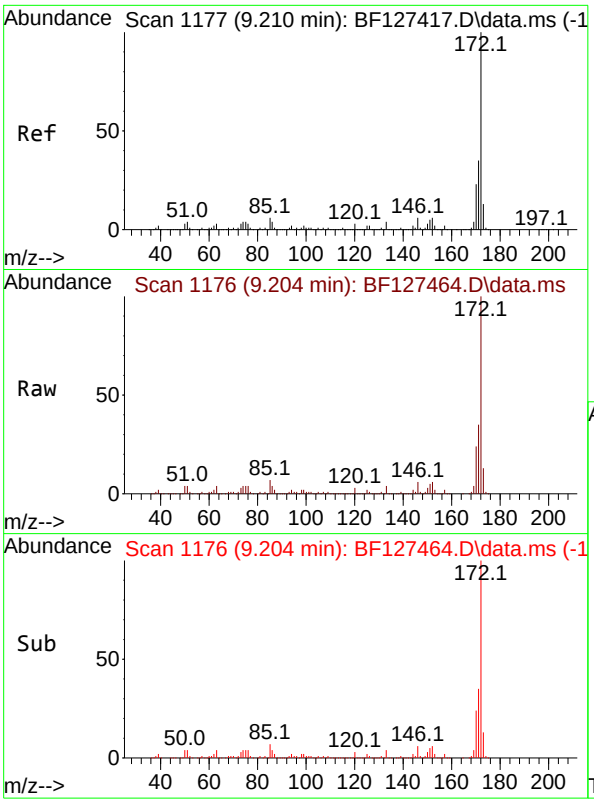


#42
2,4,6-Tribromophenol
Concen: 81.717 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion:330 Resp: 201460

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	32.6	26.2	39.4



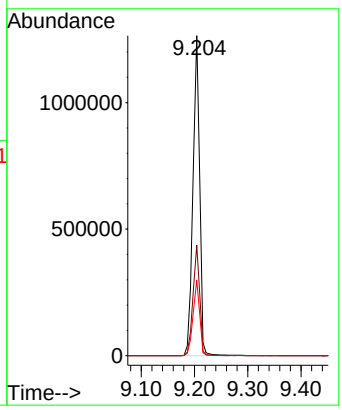


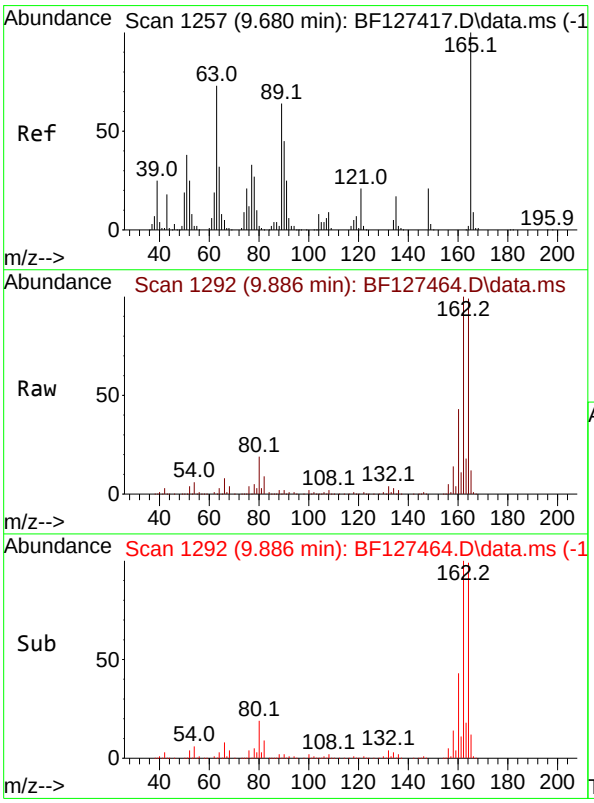
#45
2-Fluorobiphenyl
Concen: 70.124 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion:172 Resp: 1111392

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.4	42.6
170	23.6	18.6	27.8

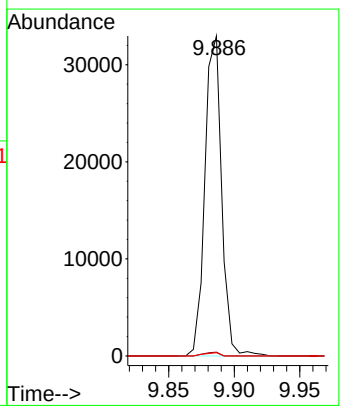


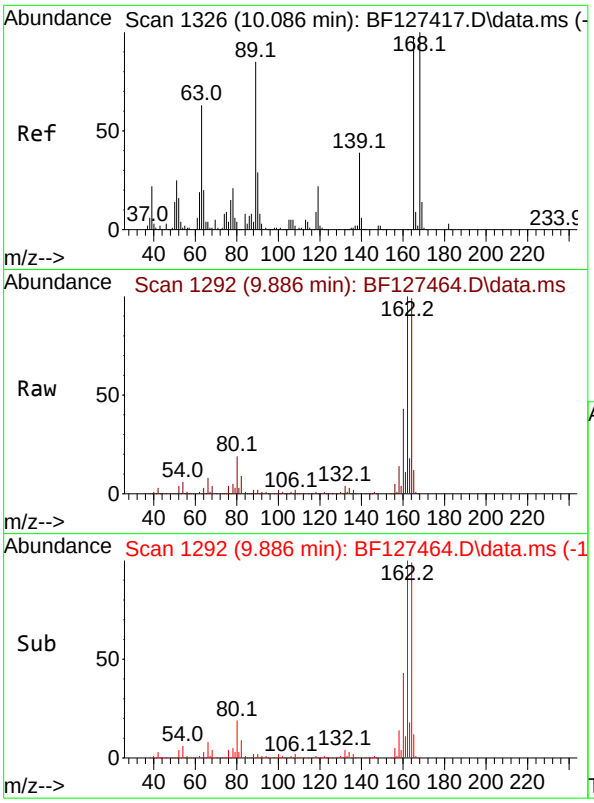


#51
2,6-Dinitrotoluene
Concen: 8.681 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion:165 Resp: 29340

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



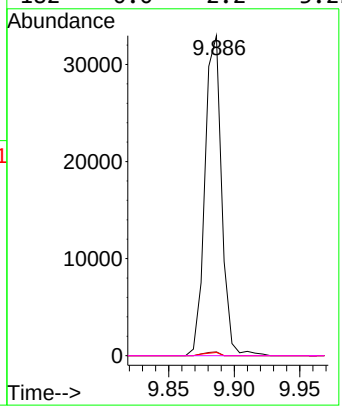


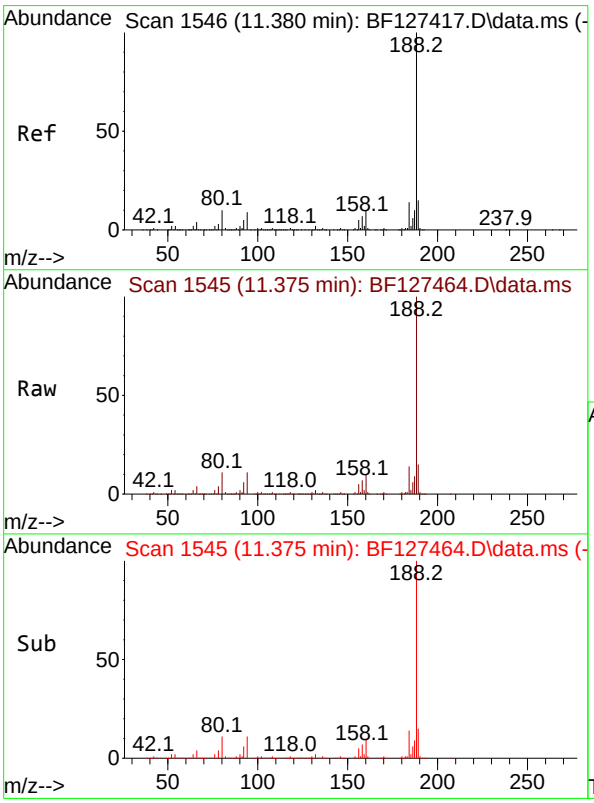
#57
2,4-Dinitrotoluene
Concen: 6.745 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion:165 Resp: 29340

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#

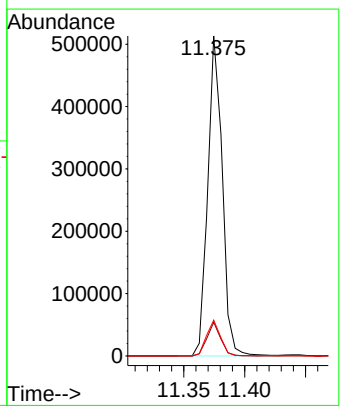


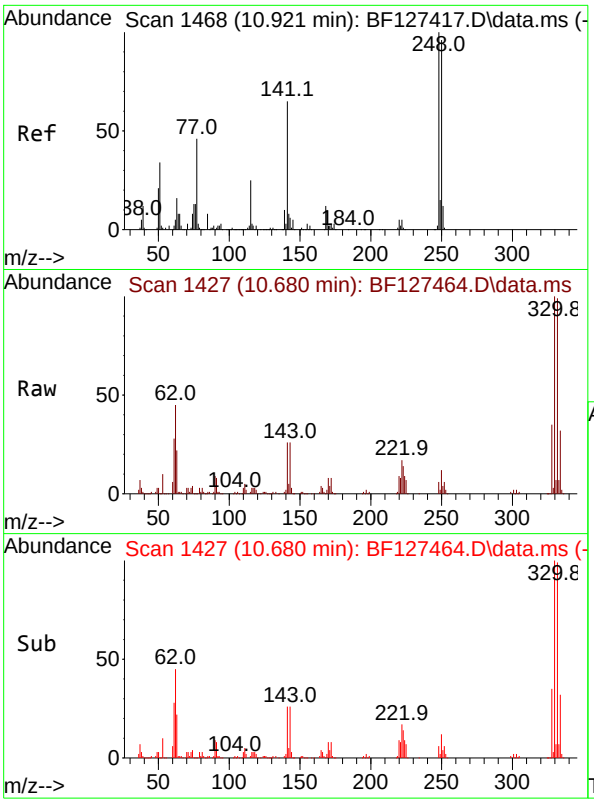


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion:188 Resp: 424877

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.4	11.0
80	11.2	8.0	12.0



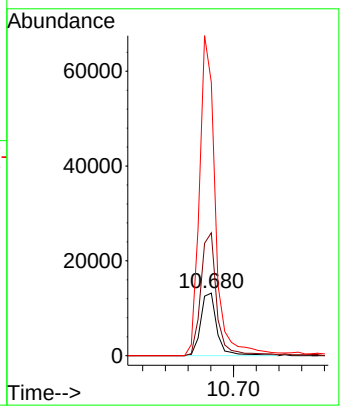


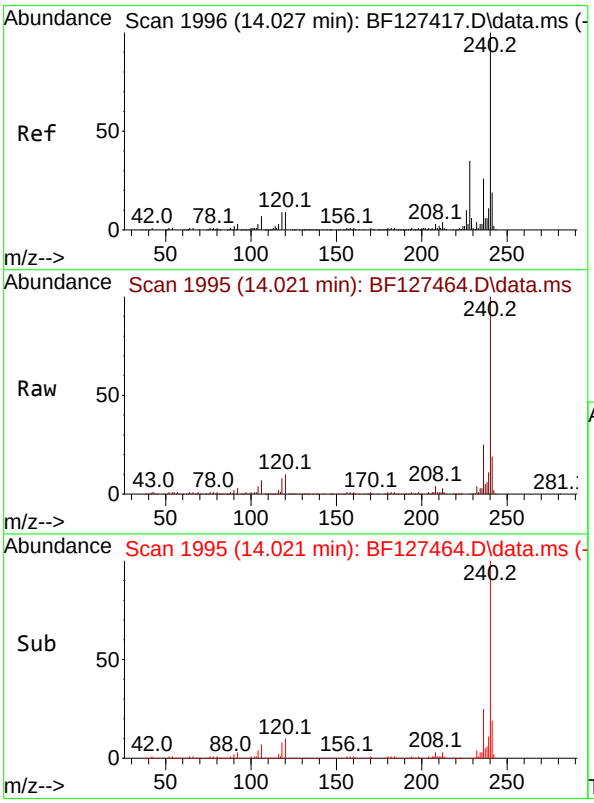
#67
4-Bromophenyl-phenylether
Concen: 2.656 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion:248 Resp: 13175

Ion	Ratio	Lower	Upper
248	100		
250	196.4	76.6	115.0#
141	436.5	52.2	78.2#

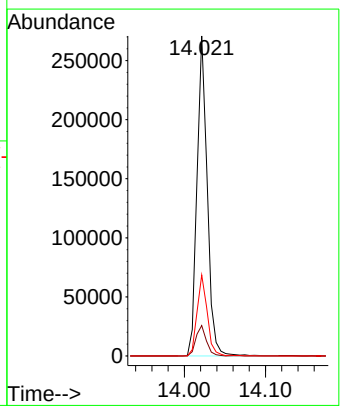


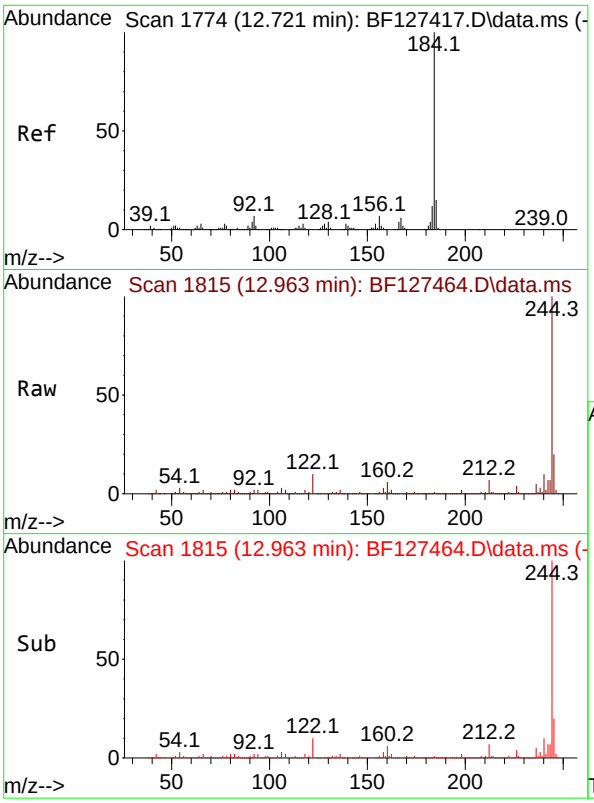


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion:240 Resp: 239100

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.1	10.7
236	25.3	20.7	31.1



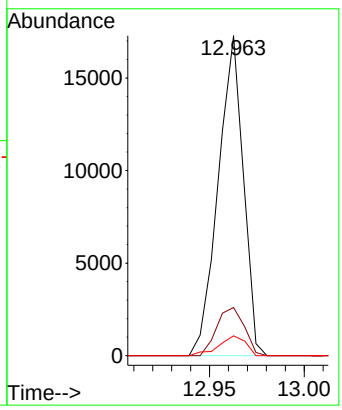


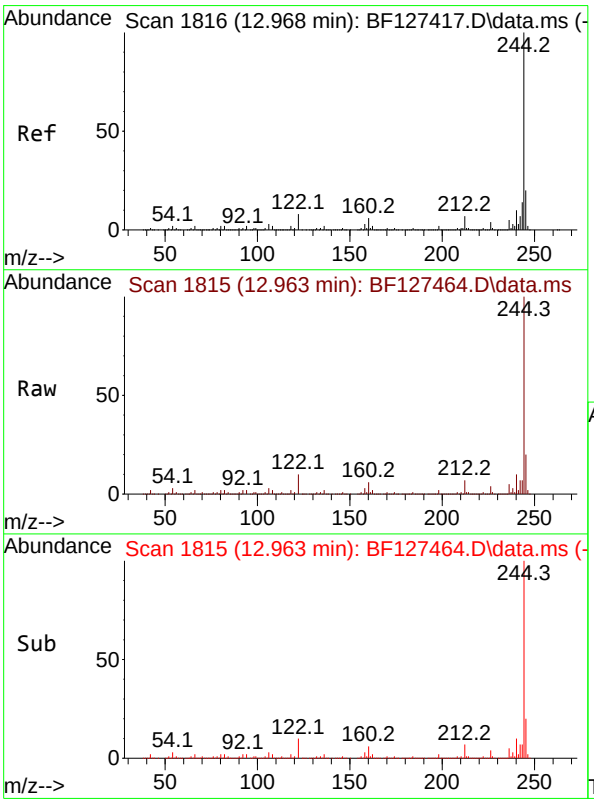
#77
Benzidine
Concen: 2.795 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion:184 Resp: 15935

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	6.2	9.4	14.0#

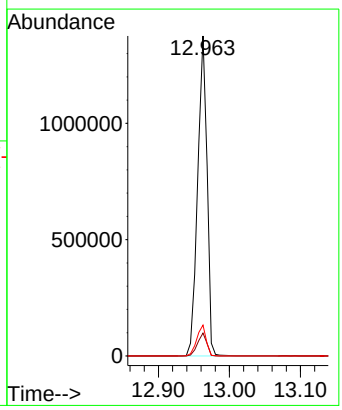


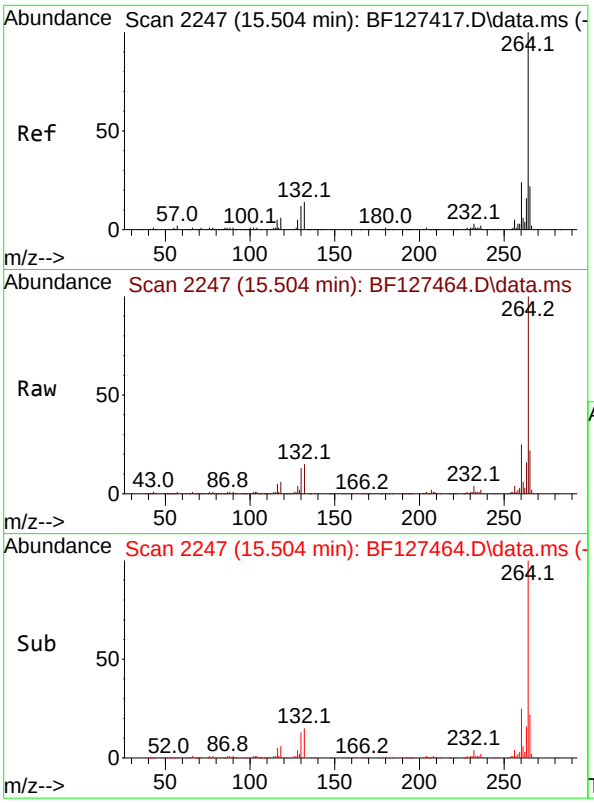


#79
Terphenyl-d14
Concen: 86.864 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Tgt Ion:244 Resp: 1268725

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	9.7	6.2	9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF127464.D
Acq: 22 Mar 2022 21:12

Instrument :
BNA_F
ClientSampleId :
C-D

Tgt Ion:264 Resp: 208442

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	21.5	17.4	26.2