Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127581.D
Acq On : 30 Mar 2022 11:58
Operator : CG\JU
Sample : PB143716BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Quant Time: Mar 30 16:31:27 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	106003	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	398095	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	227907	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	412168	20.000	ng	0.00
76) Chrysene-d12	14.010	240	261733	20.000	ng	0.00
86) Perylene-d12	15.492	264	199592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	824417	124.143	ng	0.01
7) Phenol-d6	6.481	99	1124471	123.874	ng	0.00
23) Nitrobenzene-d5	7.404	82	774189	83.129	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	282480	116.353	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1281523	82.109	ng	0.00
79) Terphenyl-d14	12.951	244	1388473	86.843	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1609	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	105022	19.301	ng	# 80
25) Isophorone	7.404	82	774183	52.193	ng	# 70
32) Benzoic acid	8.116	122	73	6.062	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	28913	8.687	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	28913	6.749	ng	# 14
58) Fluorene	10.669	166	11126	Below Cal	#	94
67) 4-Bromophenyl-phenylether	10.669	248	18375	3.818	ng	# 1
77) Benzidine	12.951	184	17172	2.752	ng	# 93

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

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Misc :
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Instrument :
BNA_F
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Quant Time: Mar 30 16:31:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
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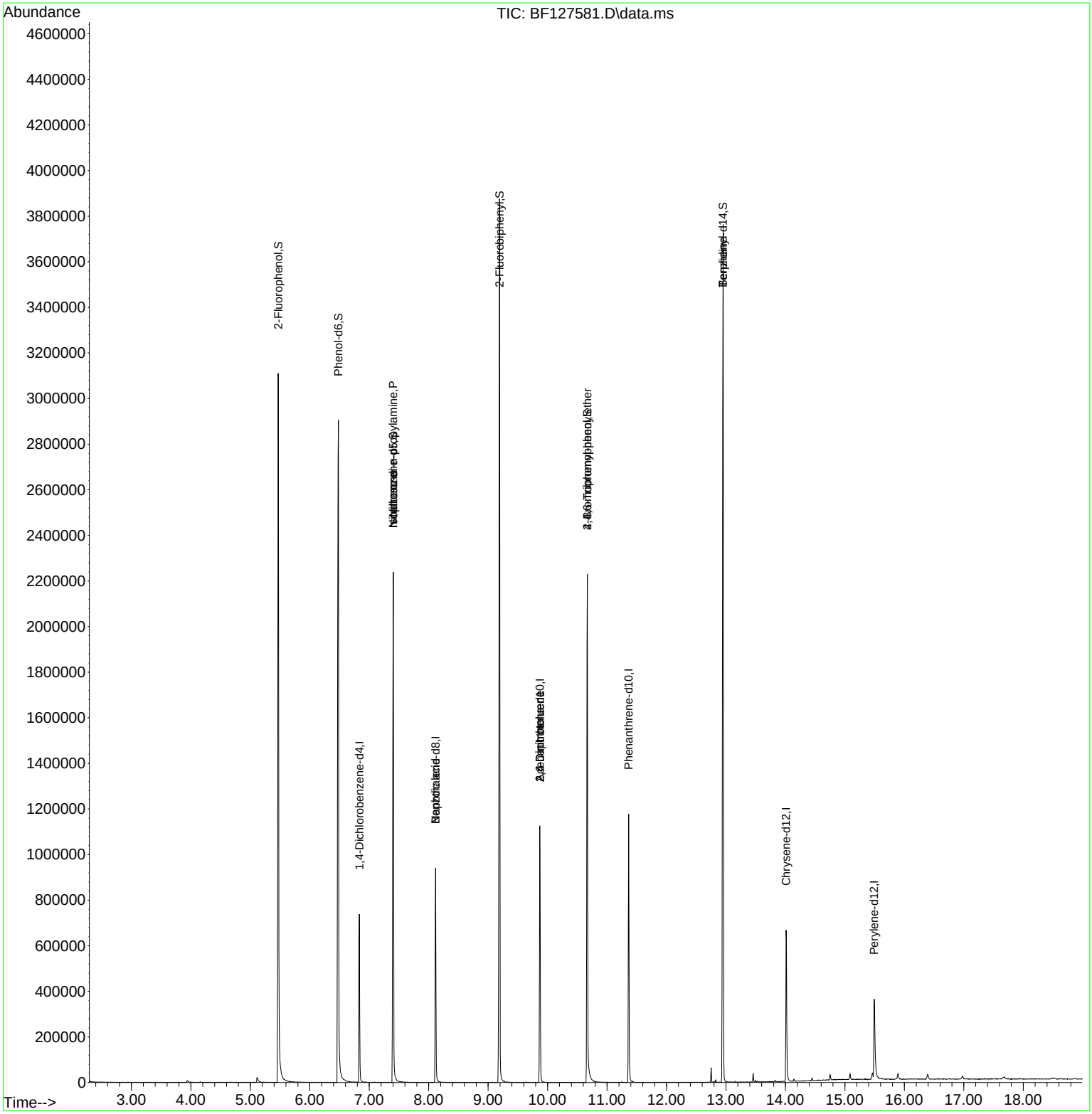
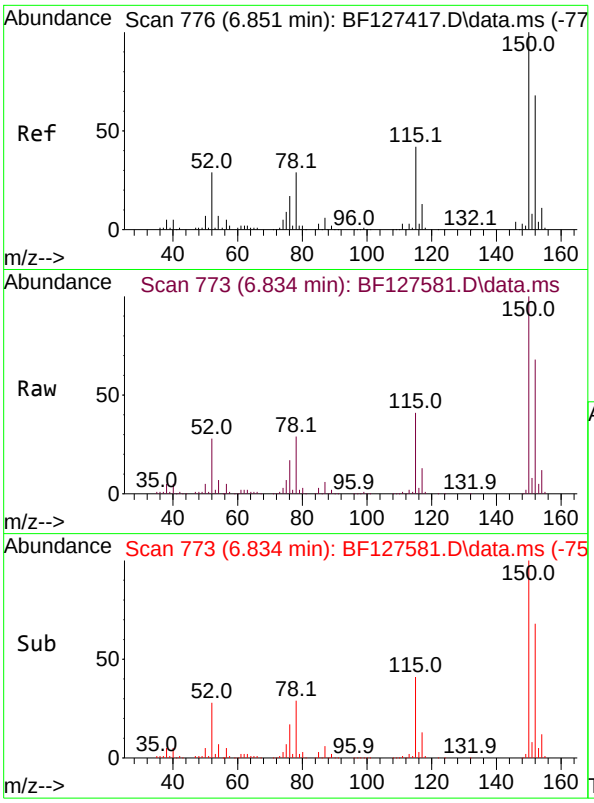


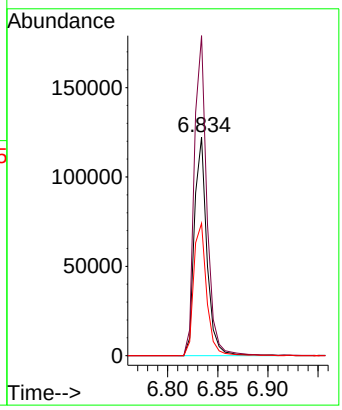


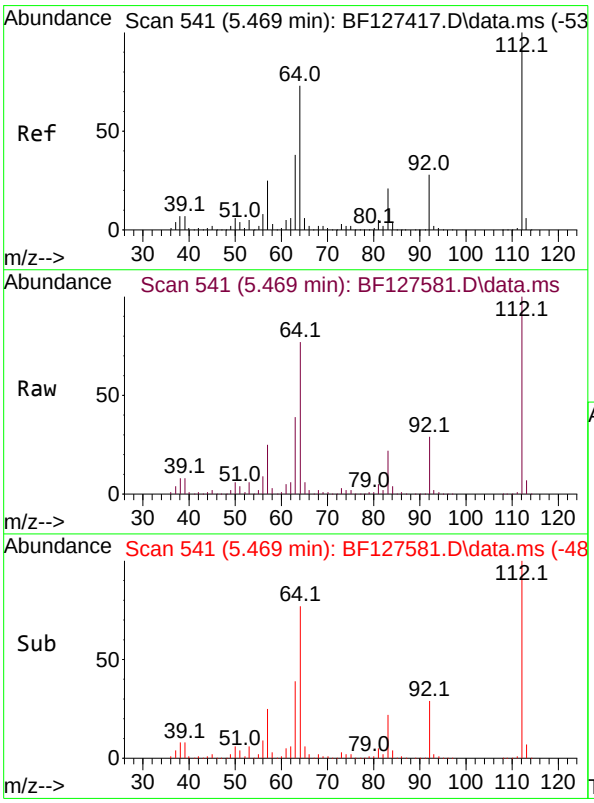
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion:152 Resp: 106003

Ion	Ratio	Lower	Upper
152	100		
150	146.4	117.2	175.8
115	60.5	49.8	74.6

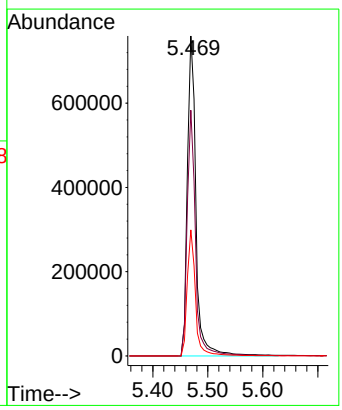


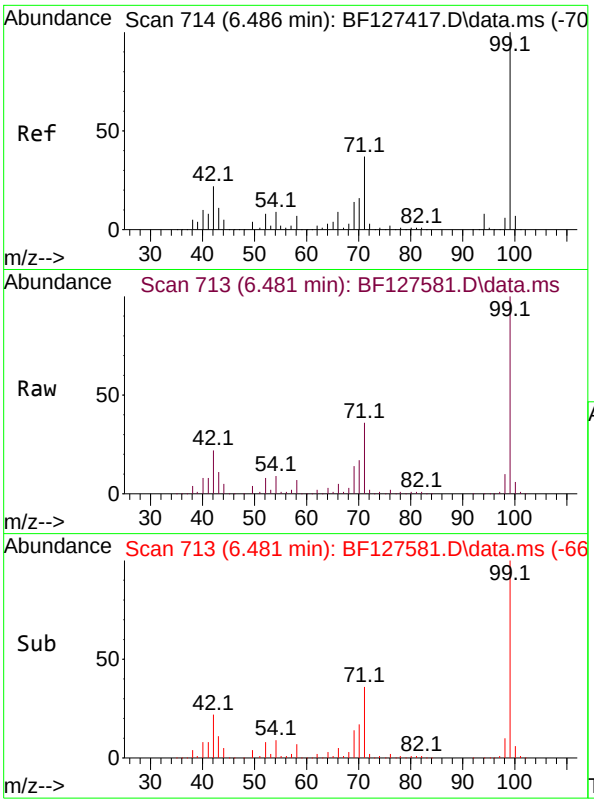


#5
2-Fluorophenol
Concen: 124.143 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:112 Resp: 824417

Ion	Ratio	Lower	Upper
112	100		
64	76.8	58.4	87.6
63	39.4	30.1	45.1



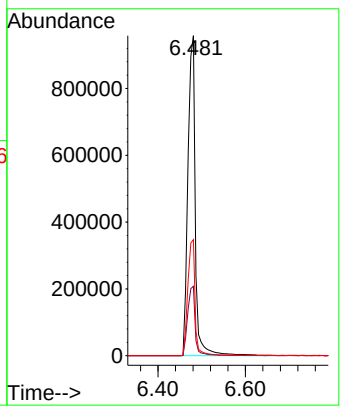


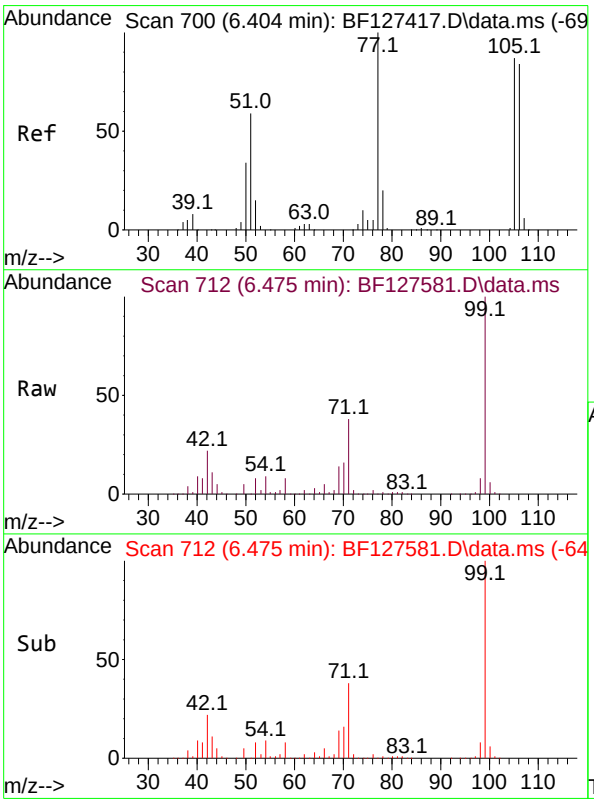
#7
Phenol-d6
Concen: 123.874 ng
RT: 6.481 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion: 99 Resp: 1124471

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.8	26.6
71	36.2	29.6	44.4

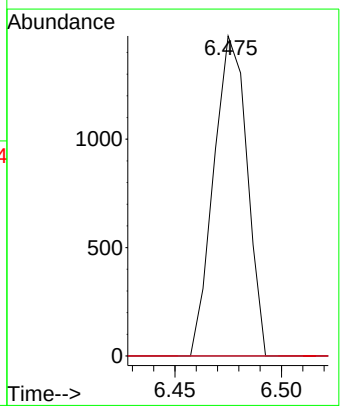


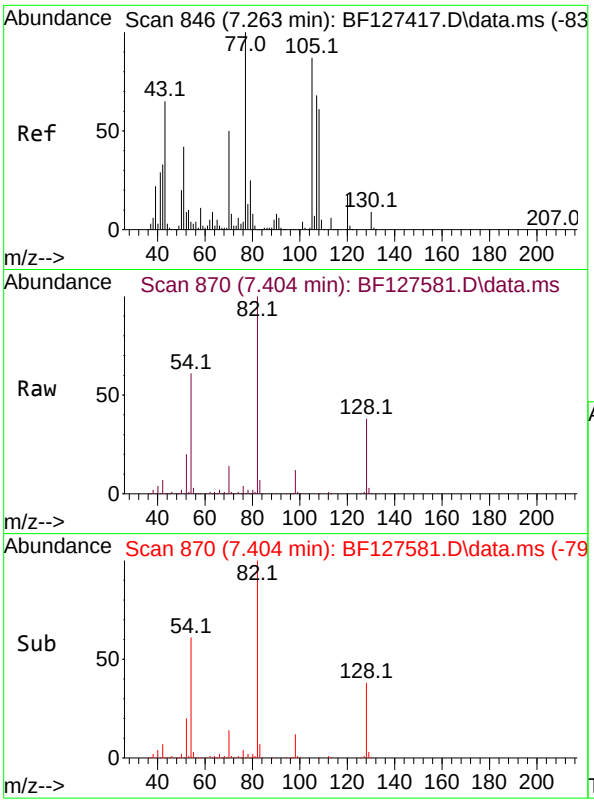


#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.083 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion: 77 Resp: 1609

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



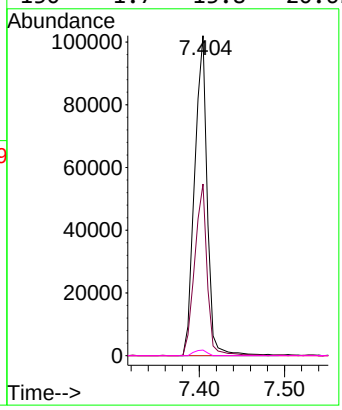


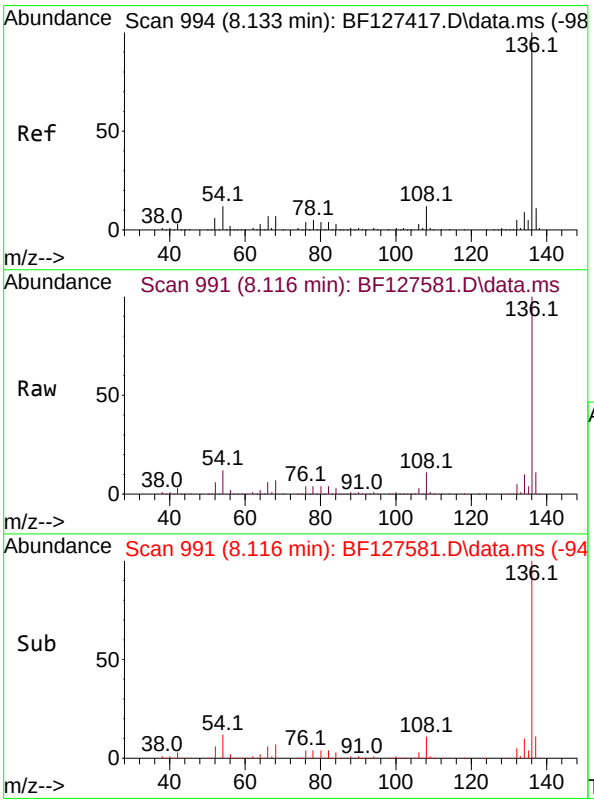
#19
n-Nitroso-di-n-propylamine
Concen: 19.301 ng
RT: 7.404 min Scan# 8
Delta R.T. 0.153 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion: 70 Resp: 105022

Ion	Ratio	Lower	Upper
70	100		
42	53.7	53.0	79.6
101	0.0	6.8	10.2#
130	1.7	13.8	20.6#

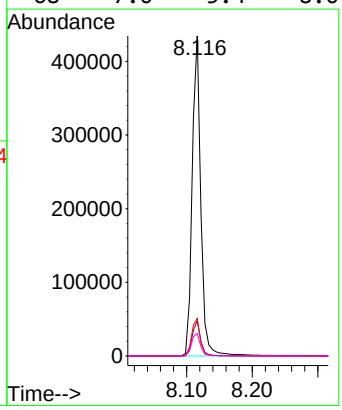


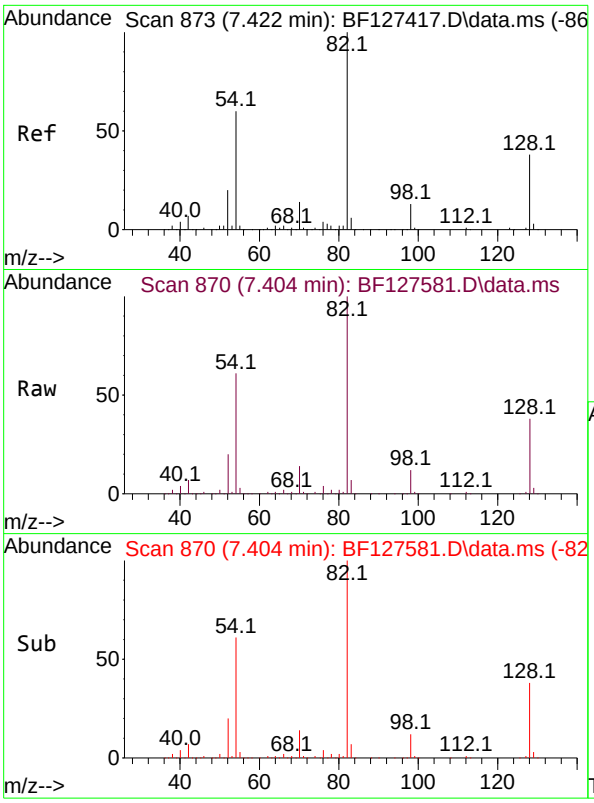


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:136 Resp: 398095

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	11.7	9.2	13.8
68	7.0	5.4	8.0



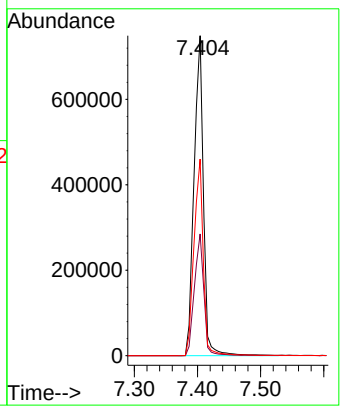


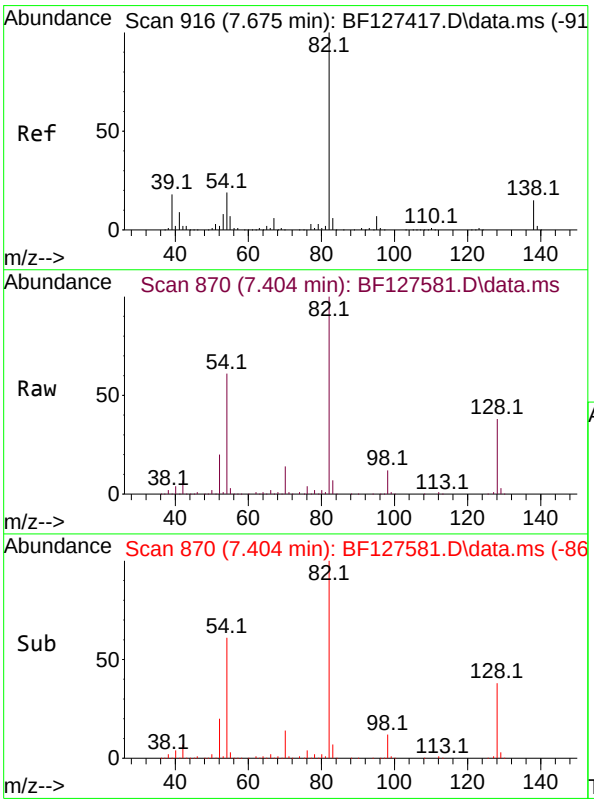
#23
Nitrobenzene-d5
Concen: 83.129 ng
RT: 7.404 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion: 82 Resp: 774189

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	45.8
54	61.5	48.2	72.2

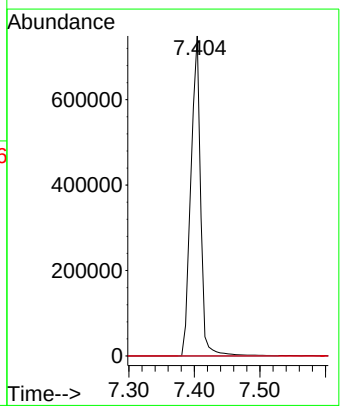


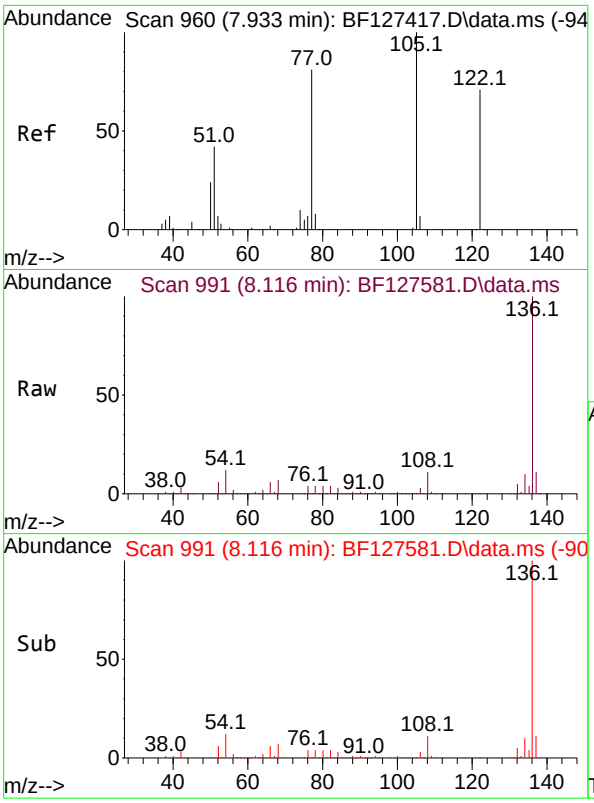


#25
Isophorone
Concen: 52.193 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion: 82 Resp: 774183

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



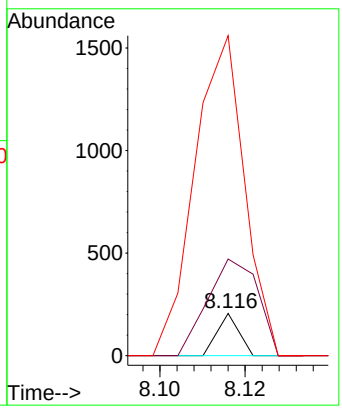


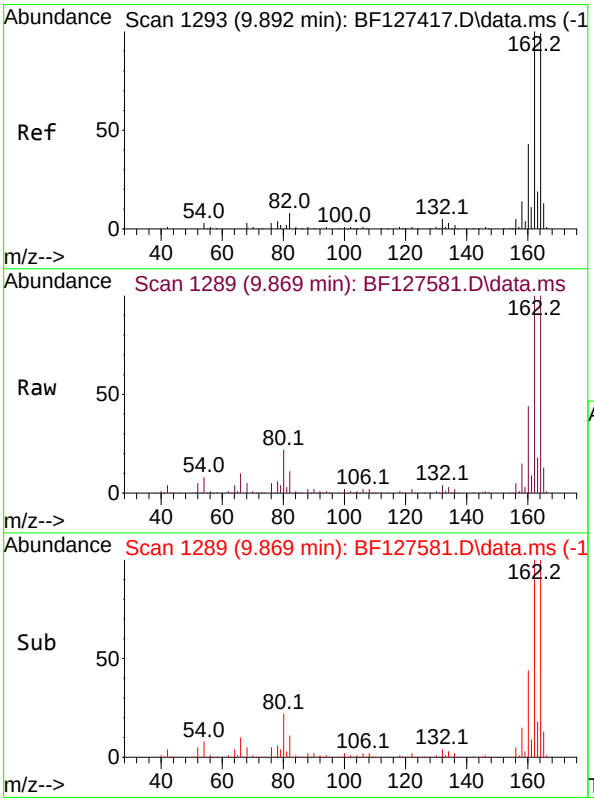
#32
Benzoic acid
Concen: 6.062 ng
RT: 8.116 min Scan# 9
Delta R.T. 0.188 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	228.6	117.1	157.1#
77	757.3	93.0	133.0#

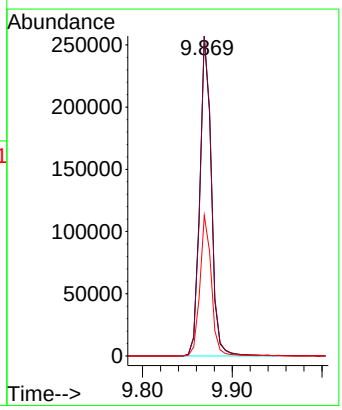


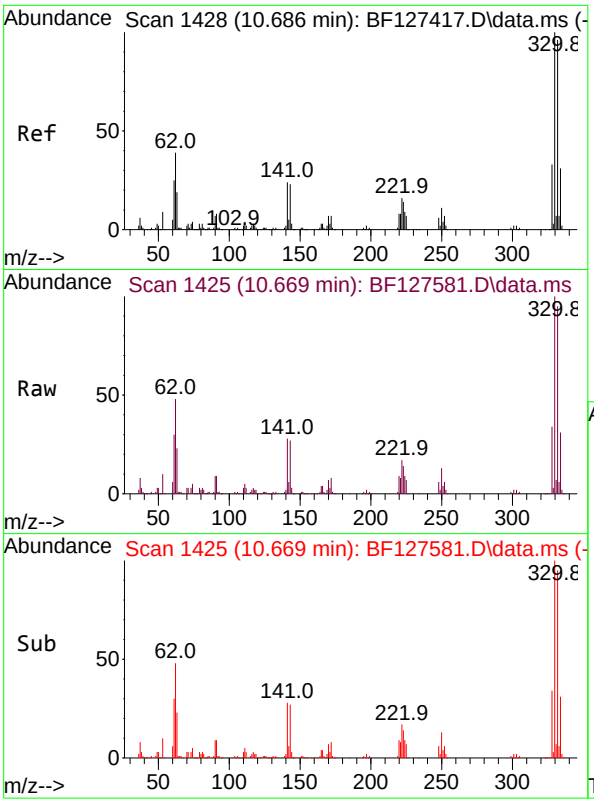


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:164 Resp: 227907

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.2	121.8
160	44.0	34.6	52.0



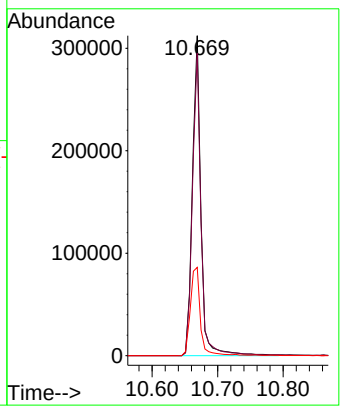


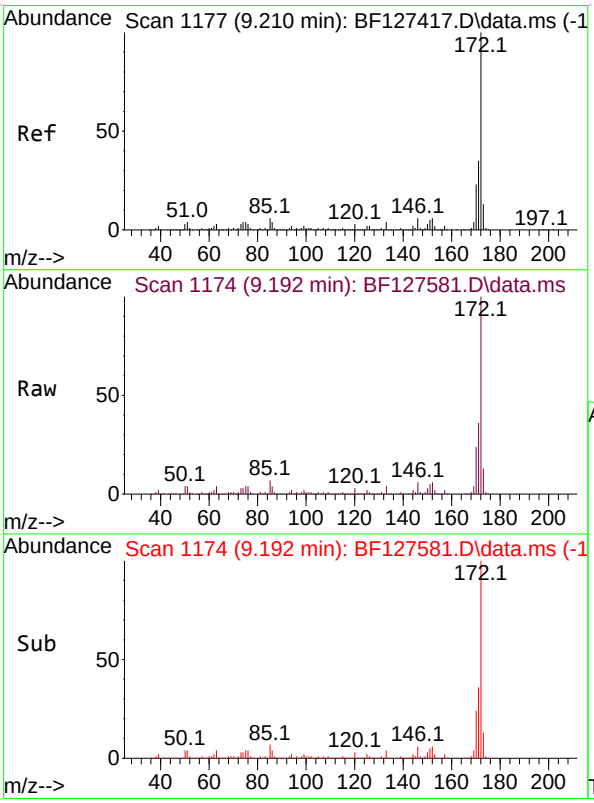
#42
2,4,6-Tribromophenol
Concen: 116.353 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion:330 Resp: 282480

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.1	118.7
141	32.6	26.2	39.4

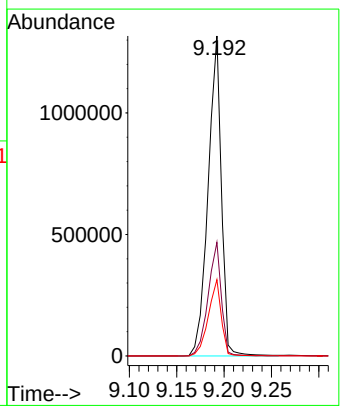


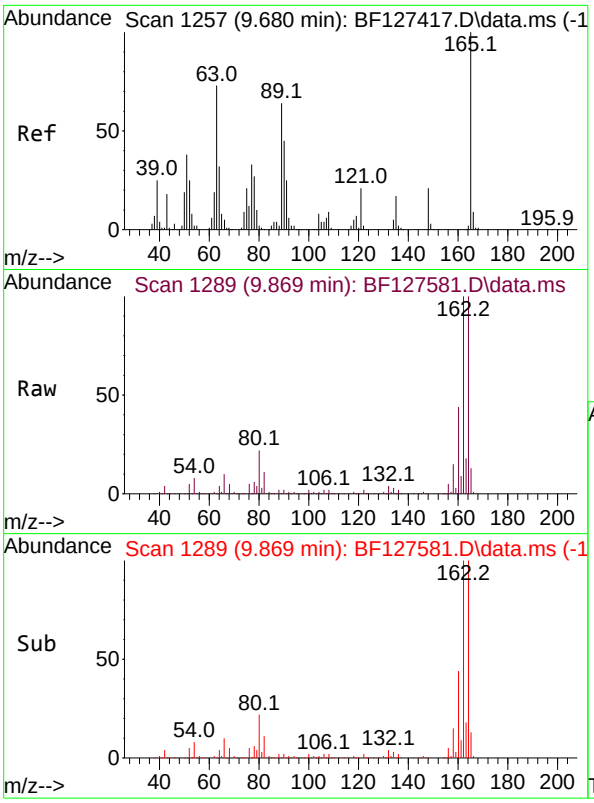


#45
2-Fluorobiphenyl
Concen: 82.109 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:172 Resp: 1281523

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.8	18.6	27.8



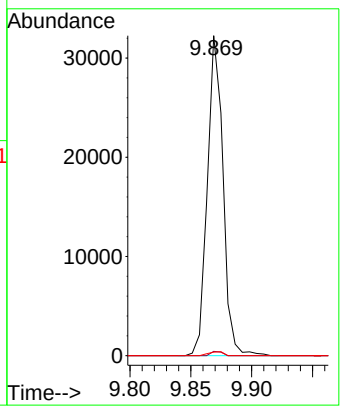


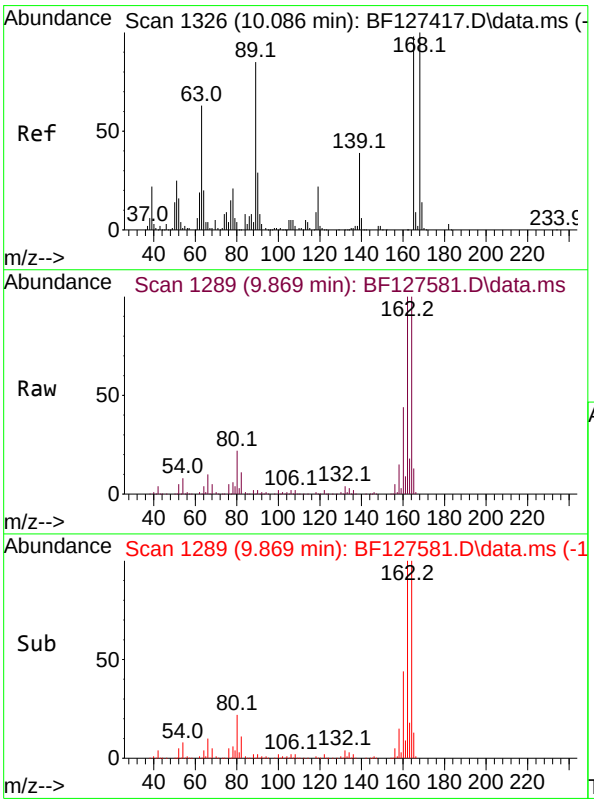
#51
2,6-Dinitrotoluene
Concen: 8.687 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.200 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion:165 Resp: 28913

Ion	Ratio	Lower	Upper
165	100		
63	1.3	58.3	87.5#
89	1.1	51.5	77.3#

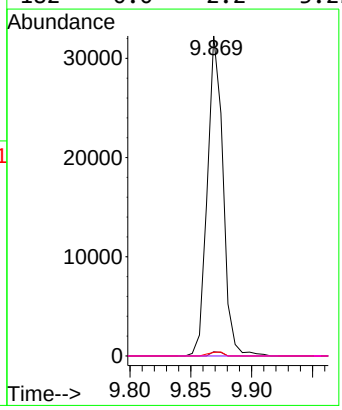


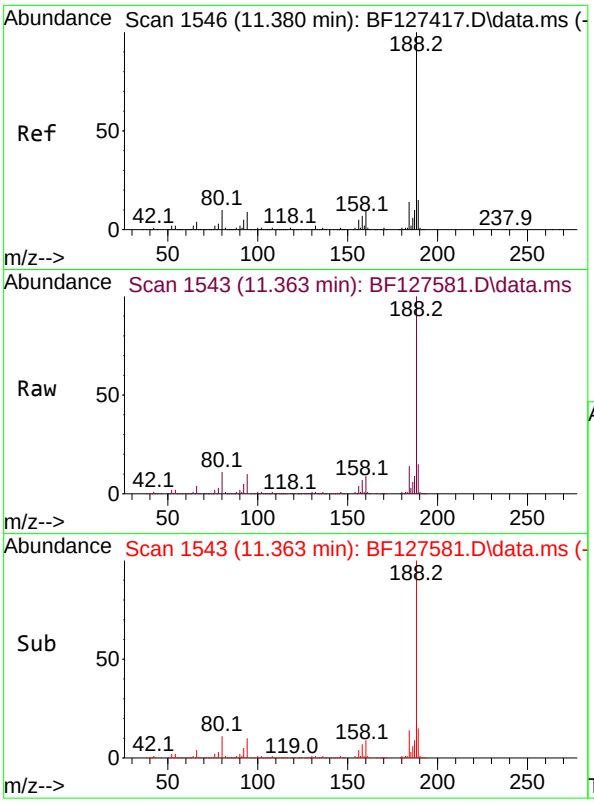


#57
2,4-Dinitrotoluene
Concen: 6.749 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:165 Resp: 28913

Ion	Ratio	Lower	Upper
165	100		
63	1.3	53.1	79.7#
89	1.1	69.2	103.8#
182	0.0	2.2	3.2#



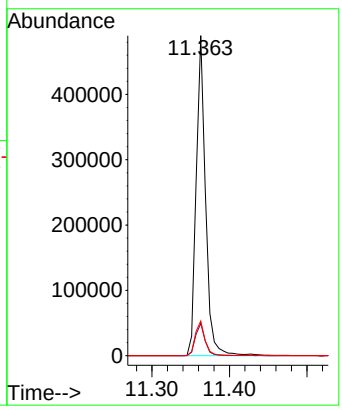


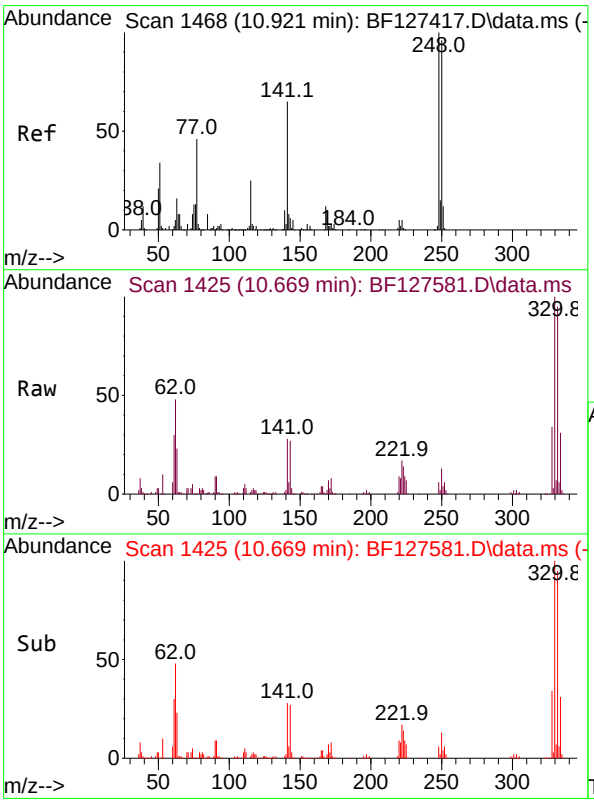
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion:188 Resp: 412168

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.0
80	10.9	8.0	12.0

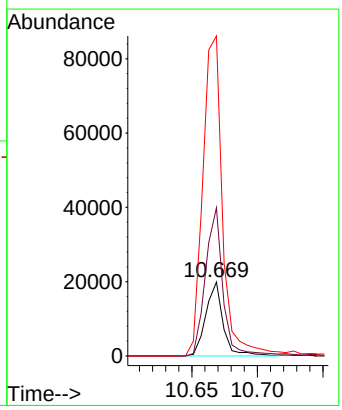


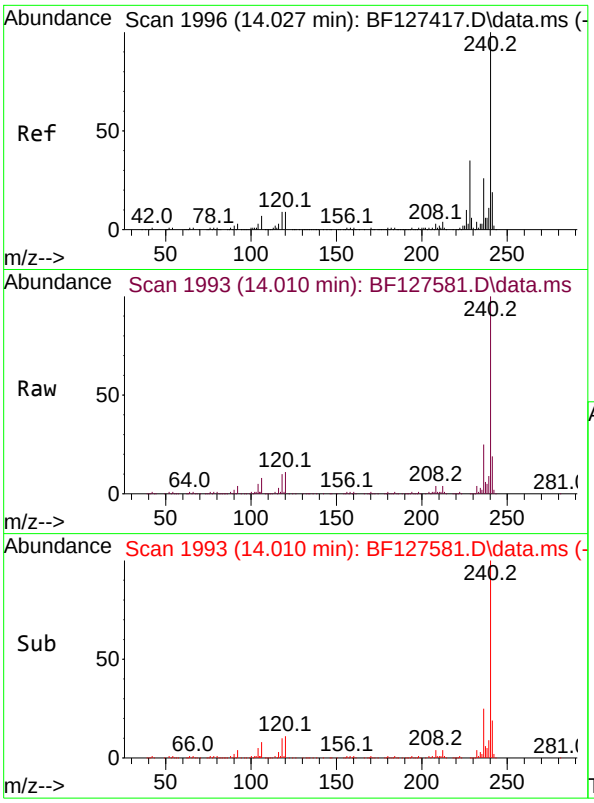


#67
4-Bromophenyl-phenylether
Concen: 3.818 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:248 Resp: 18375

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.6	115.0#
141	433.3	52.2	78.2#



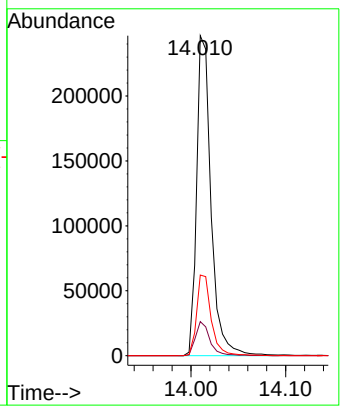


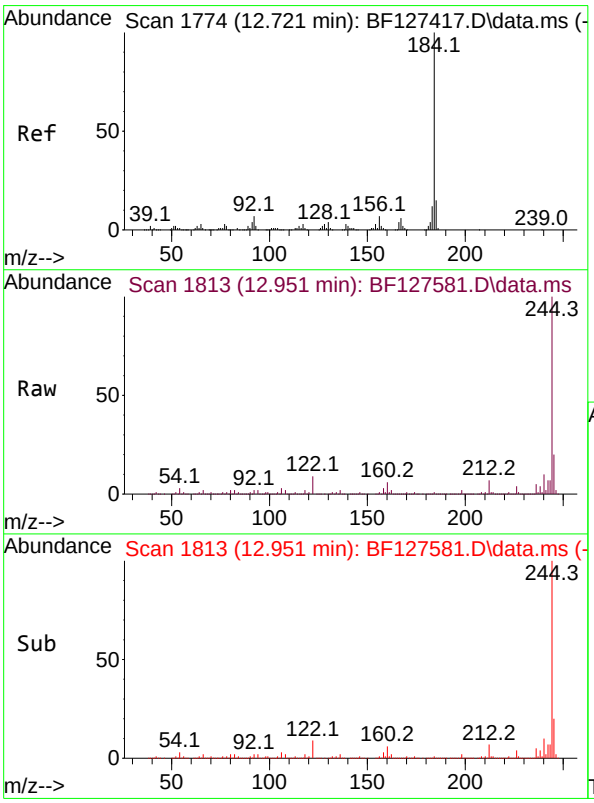
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

Tgt Ion:240 Resp: 261733

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7
236	25.2	20.7	31.1

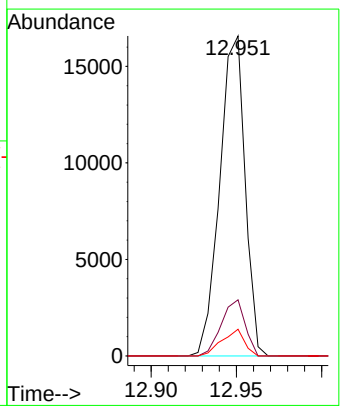


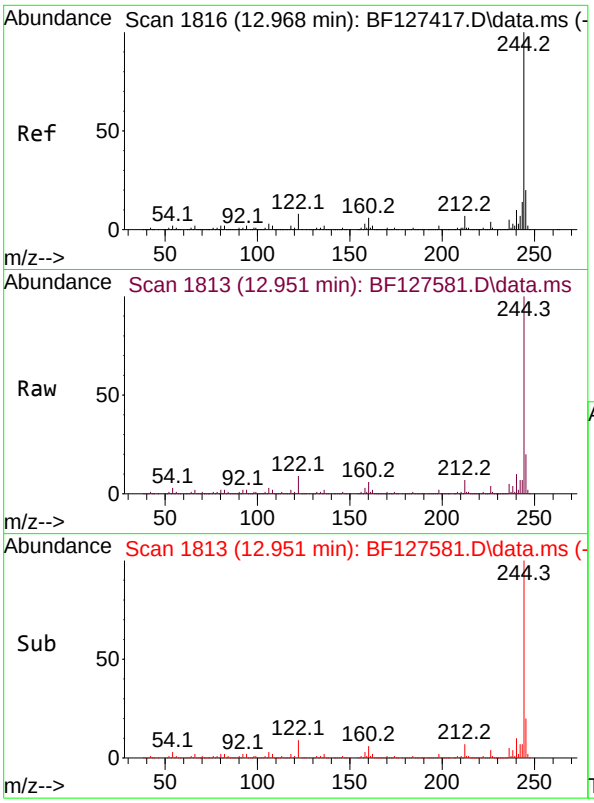


#77
Benzidine
Concen: 2.752 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:184 Resp: 17172

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.2	18.2
183	8.3	9.4	14.0#



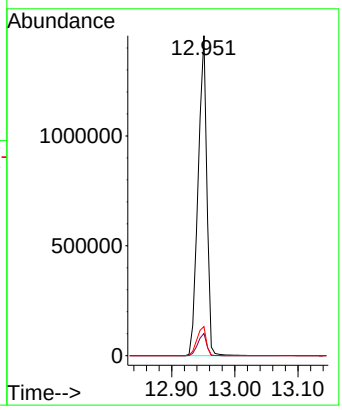


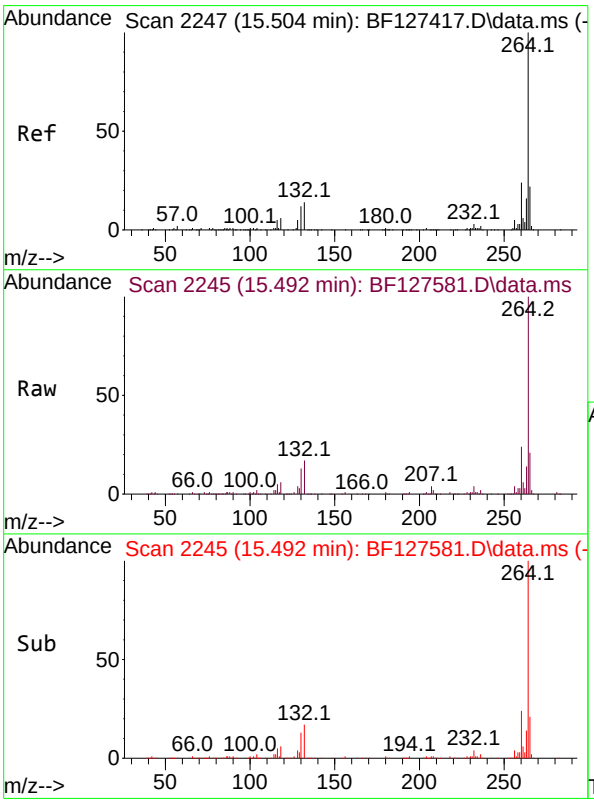
#79
Terphenyl-d14
Concen: 86.843 ng
RT: 12.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB143716BL

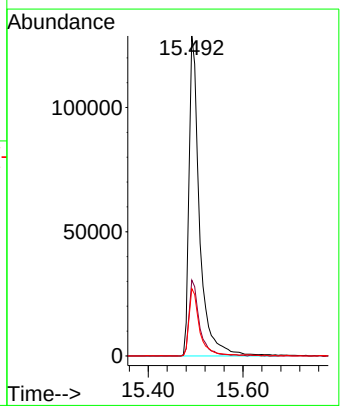
Tgt Ion:244 Resp: 1388473

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.1	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF127581.D
Acq: 30 Mar 2022 11:58

Tgt Ion:264 Resp: 199592

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.1	17.4	26.2