

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124621.D
 Acq On : 19 Jul 2021 19:15
 Operator : JU/CG
 Sample : M3039-22RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-05RE

Quant Time: Jul 20 02:04:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 11:33:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

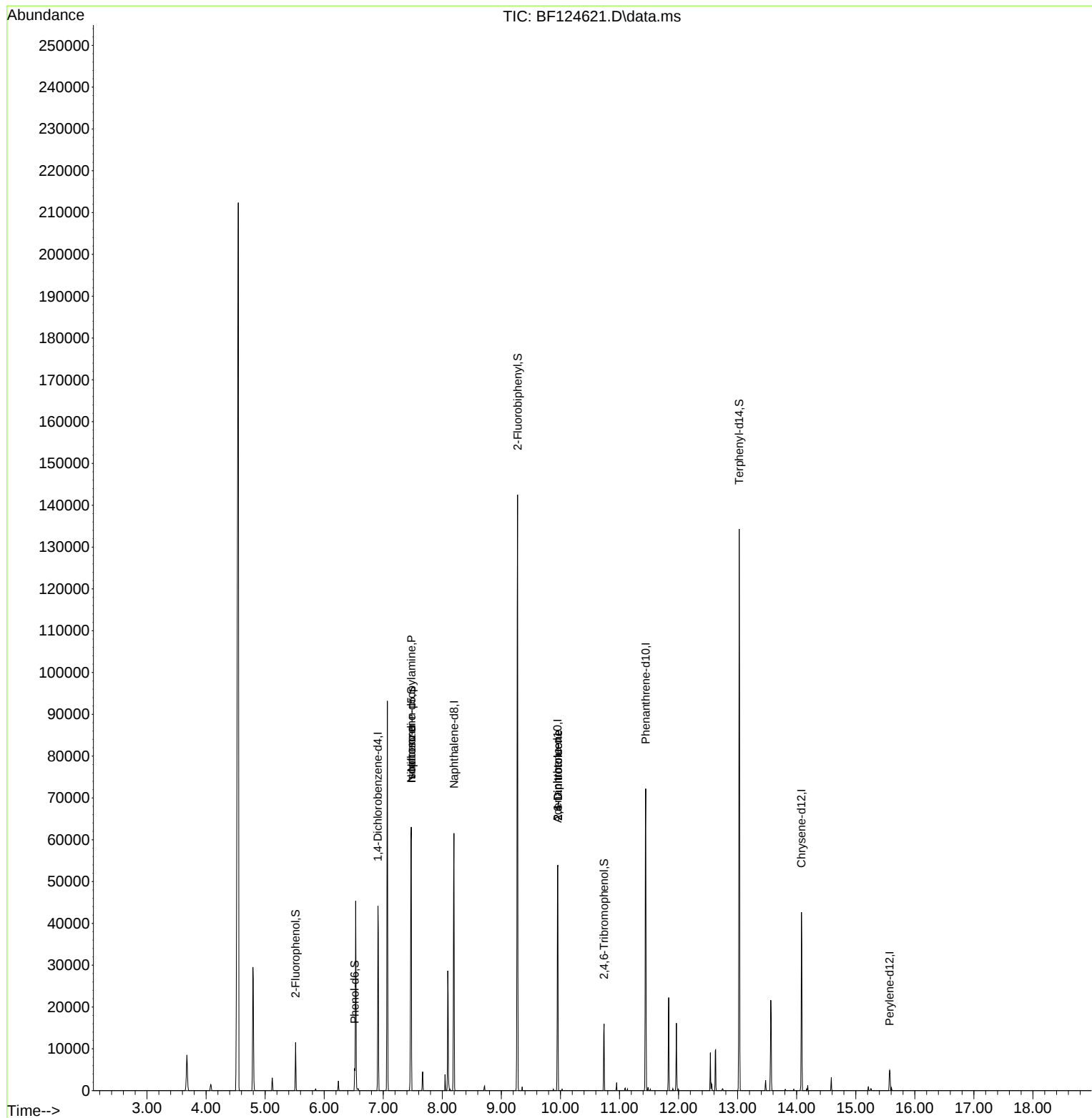
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	7050	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	27749	20.00	ng	0.00
39) Acenaphthene-d10	9.951	164	10825	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	27673	20.00	ng	# 0.00
76) Chrysene-d12	14.080	240	14735	20.00	ng	0.00
86) Perylene-d12	15.574	264	1516	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	3388	8.33	ng	-0.02
7) Phenol-d6	6.516	99	1581	3.19	ng	-0.03
23) Nitrobenzene-d5	7.475	82	19845	45.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	1985	23.56	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	44044	59.33	ng	0.00
79) Terphenyl-d14	13.027	244	45371	51.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	2568	9.23	ng	# 73
25) Isophorone	7.475	82	19499	24.16	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	1383	9.31	ng	# 26
57) 2,4-Dinitrotoluene	9.957	165	1383	6.80	ng	# 18

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

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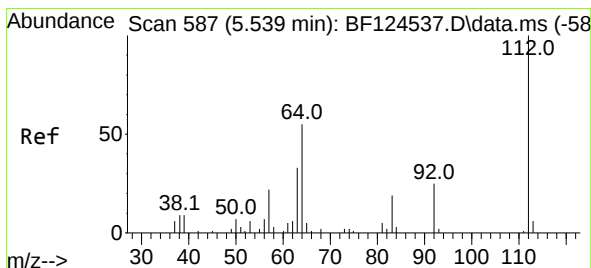
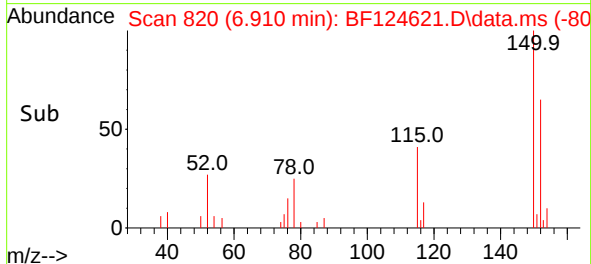
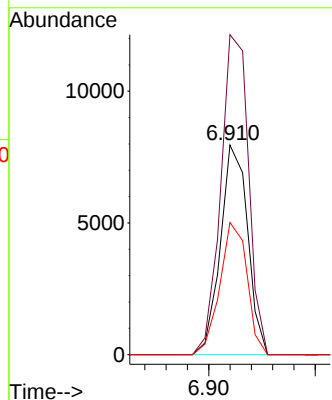
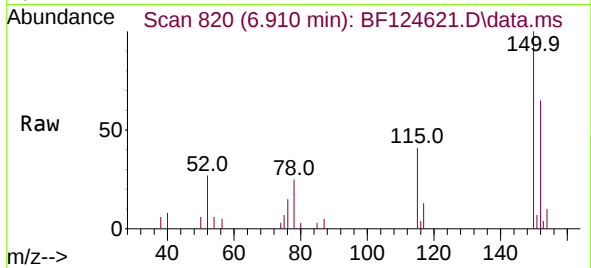




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

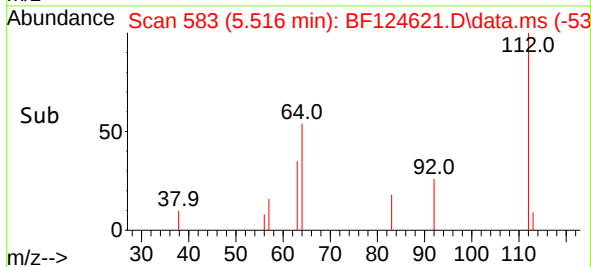
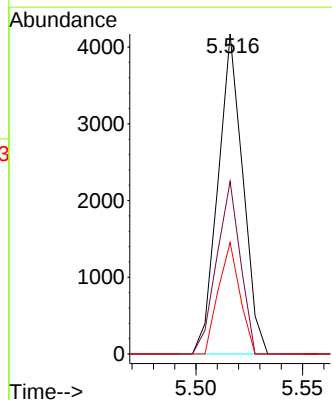
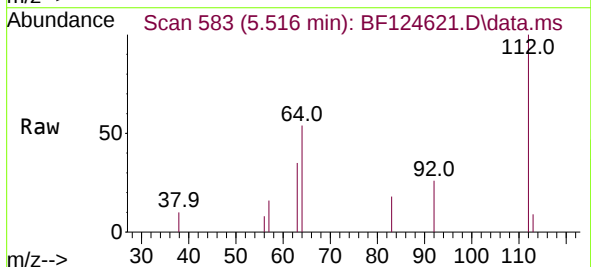
Instrument :
BNA_F
ClientSampleId :
EX-05RE

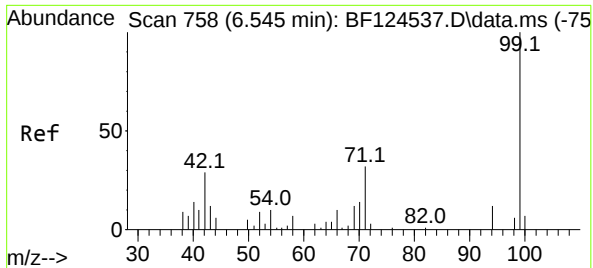
Tgt Ion:152 Resp: 7050
Ion Ratio Lower Upper
152 100
150 152.7 117.6 176.4
115 63.1 47.1 70.7



#5
2-Fluorophenol
Concen: 8.33 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

Tgt Ion:112 Resp: 3388
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 34.9 26.2 39.2

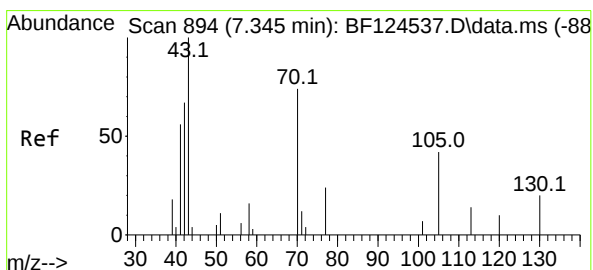
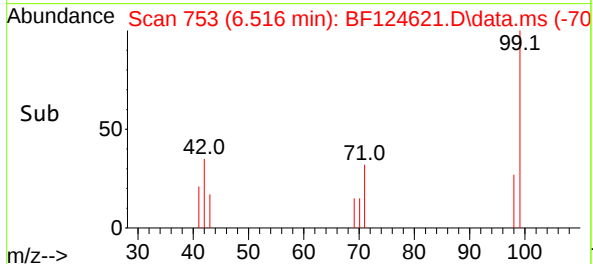
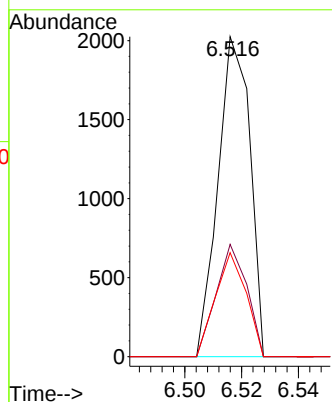
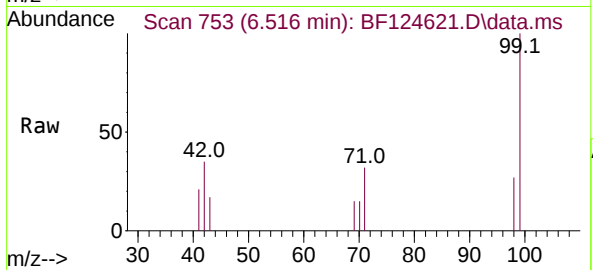




#7
Phenol-d6
Concen: 3.19 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

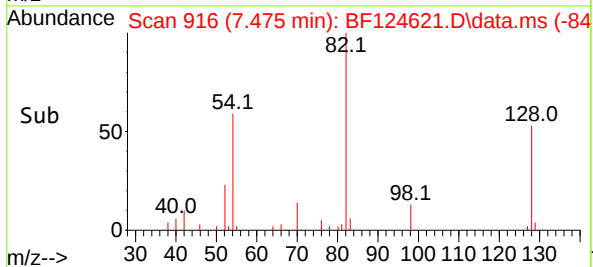
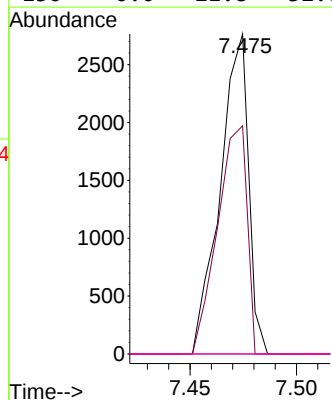
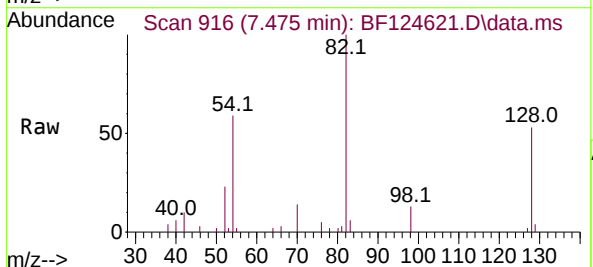
Instrument :
BNA_F
ClientSampleId :
EX-05RE

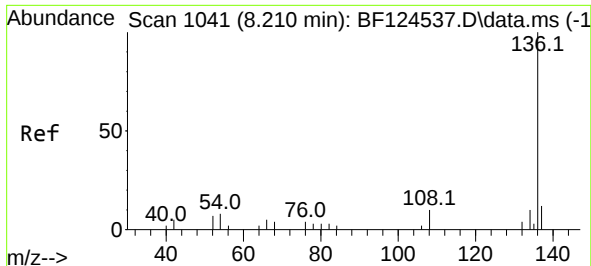
Tgt Ion: 99 Resp: 1581
Ion Ratio Lower Upper
99 100
42 35.1 23.5 35.3
71 32.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.23 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

Tgt Ion: 70 Resp: 2568
Ion Ratio Lower Upper
70 100
42 71.3 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

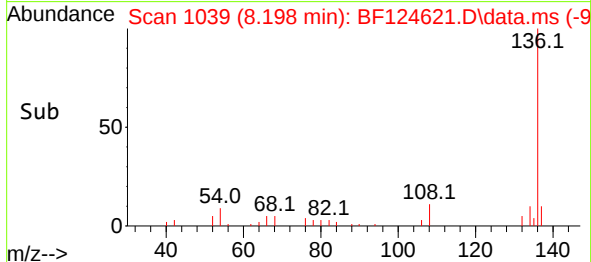
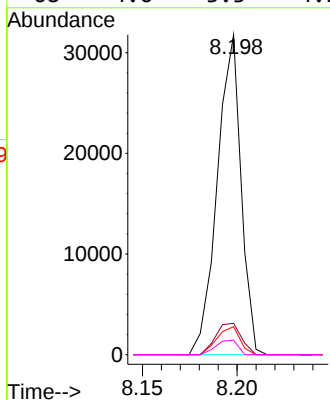
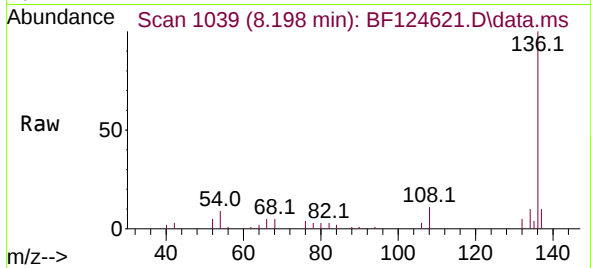




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

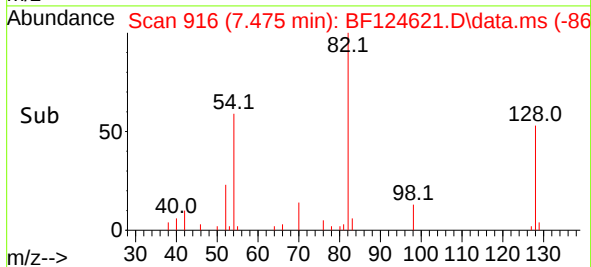
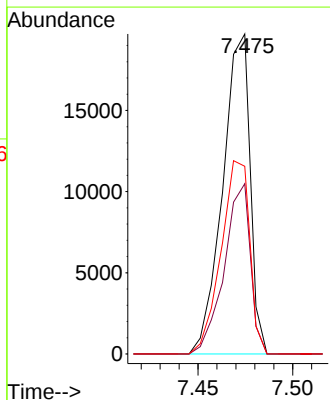
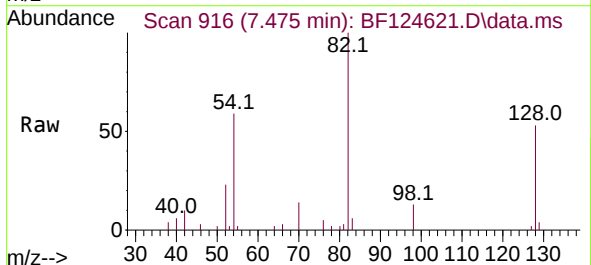
Instrument :
BNA_F
ClientSampled :
EX-05RE

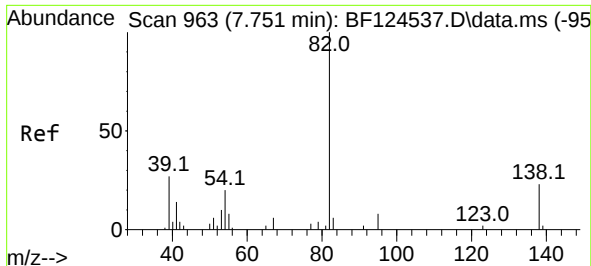
Tgt Ion:136	Resp:	27749
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.8 14.6
54	8.8	6.4 9.6
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 45.15 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

Tgt Ion: 82	Resp:	19845
Ion Ratio	Lower	Upper
82	100	
128	53.2	40.6 60.8
54	58.6	49.6 74.4

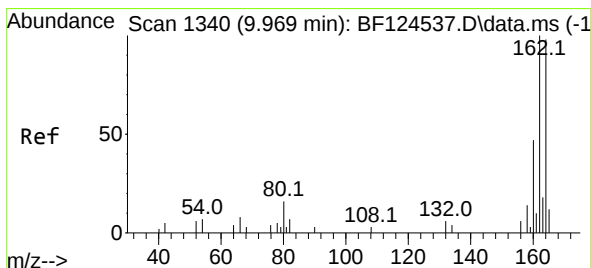
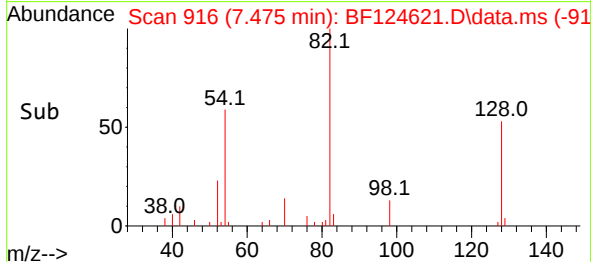
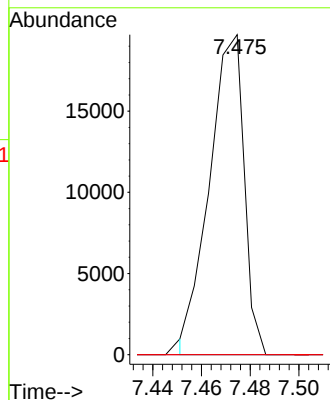
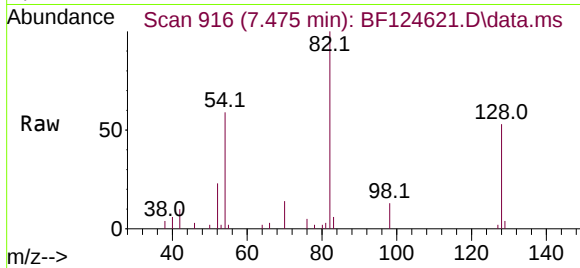




#25
Isophorone
Concen: 24.16 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.271 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

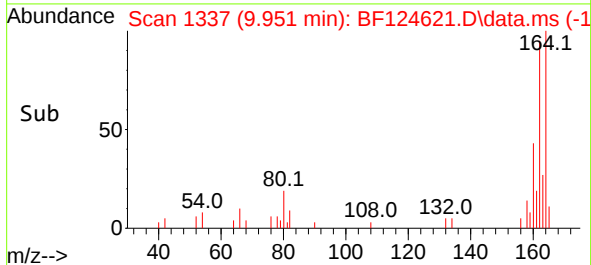
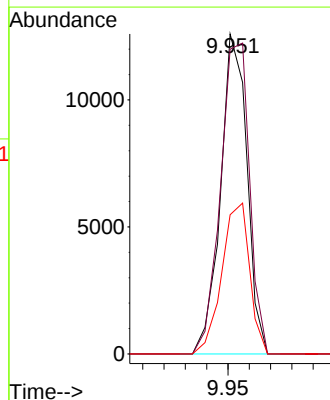
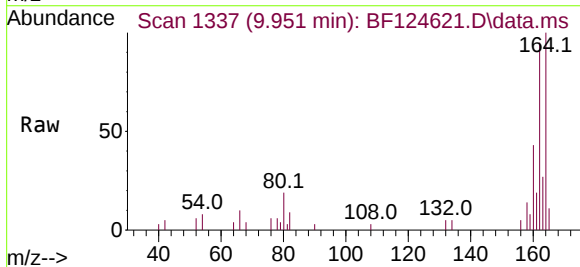
Instrument :
BNA_F
ClientSampleId :
EX-05RE

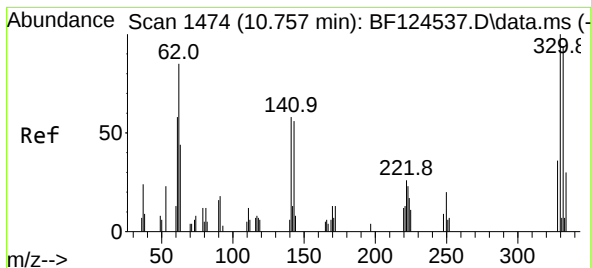
Tgt Ion: 82 Resp: 19499
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

Tgt Ion: 164 Resp: 10825
Ion Ratio Lower Upper
164 100
162 95.2 81.3 121.9
160 43.5 38.0 57.0

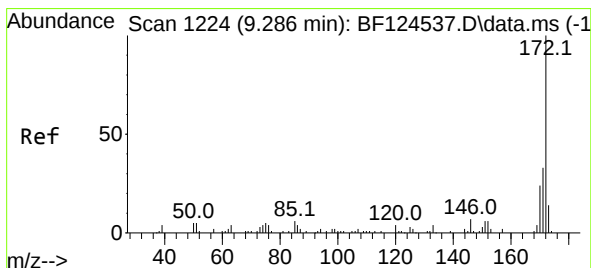
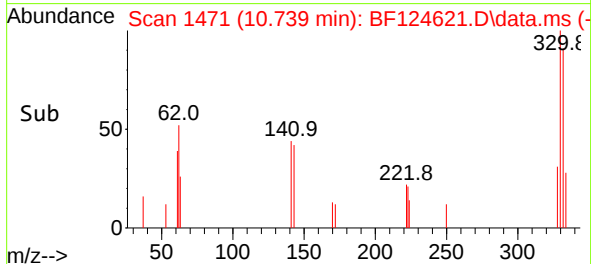
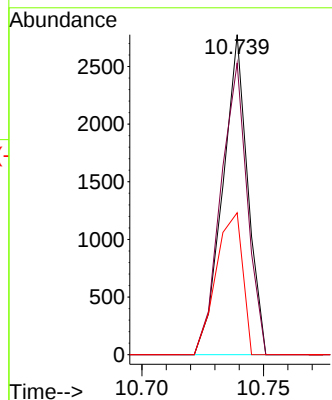
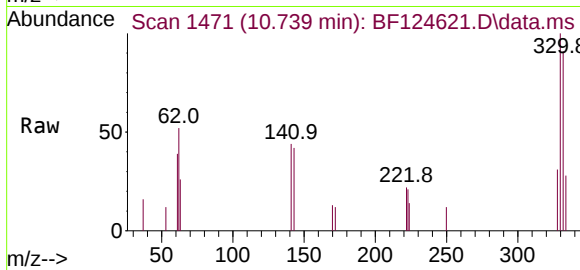




#42
2,4,6-Tribromophenol
Concen: 23.56 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.012 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

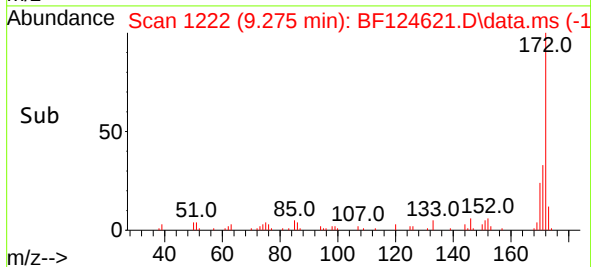
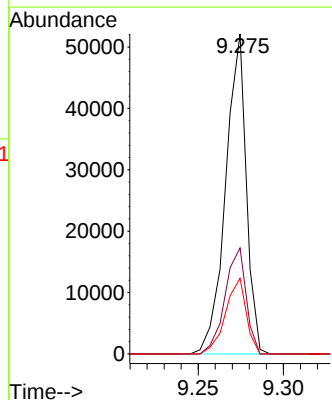
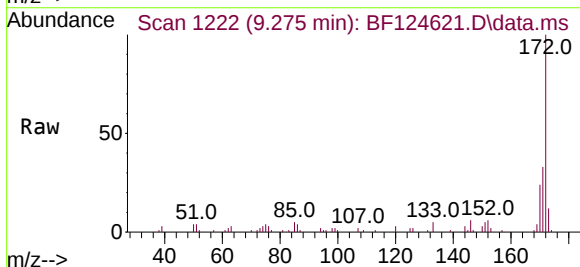
Instrument :
BNA_F
ClientSampleID :
EX-05RE

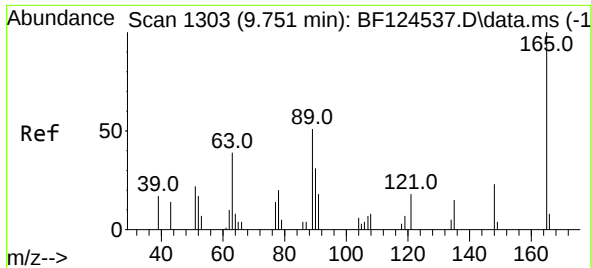
Tgt Ion: 330 Resp: 1985
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 47.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 59.33 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

Tgt Ion: 172 Resp: 44044
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 23.7 18.8 28.2

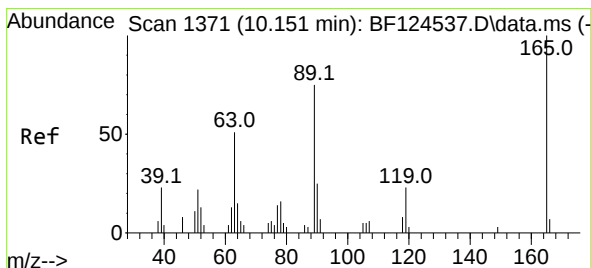
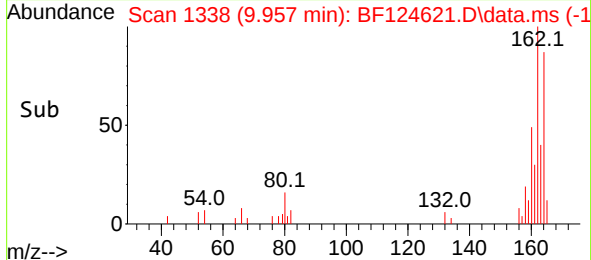
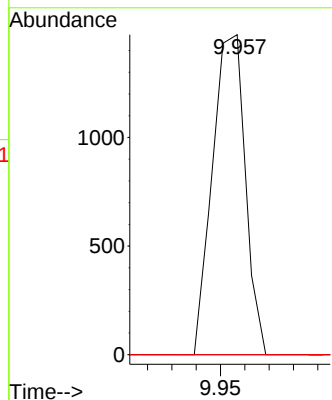
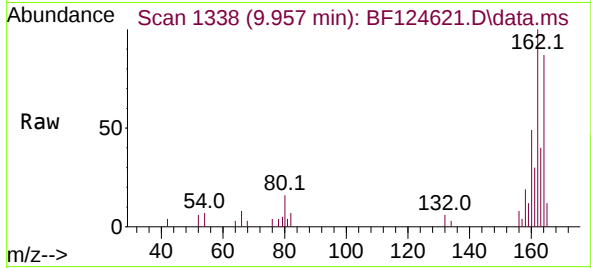




#51
2,6-Dinitrotoluene
Concen: 9.31 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

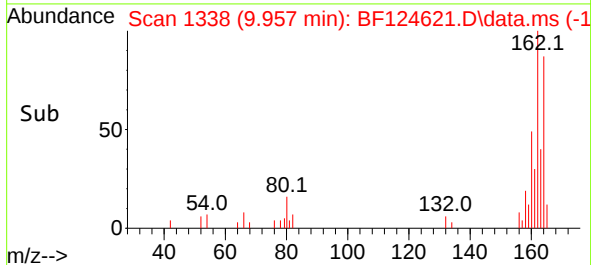
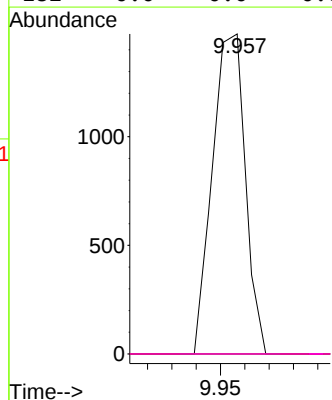
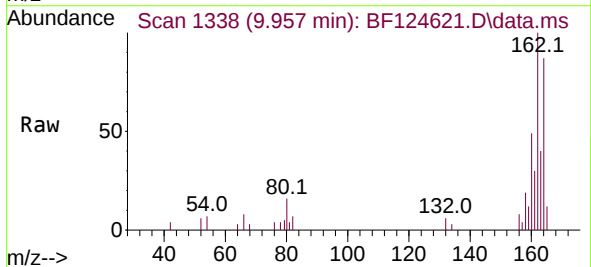
Instrument :
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EX-05RE

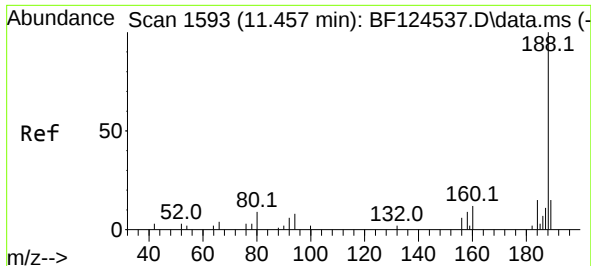
Tgt Ion:165 Resp: 1383
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

Tgt Ion:165 Resp: 1383
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

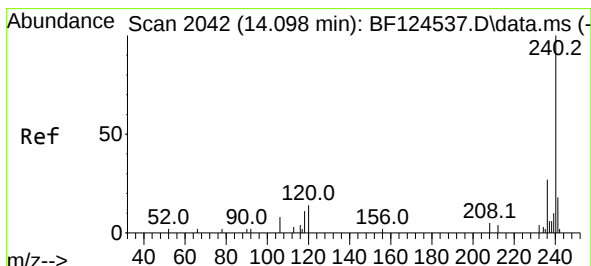
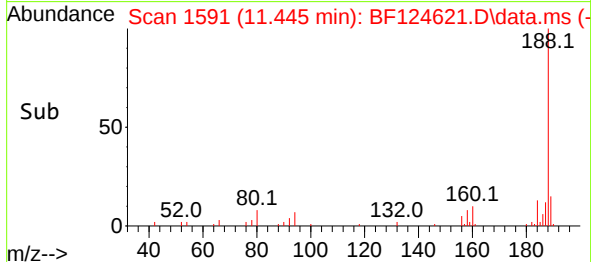
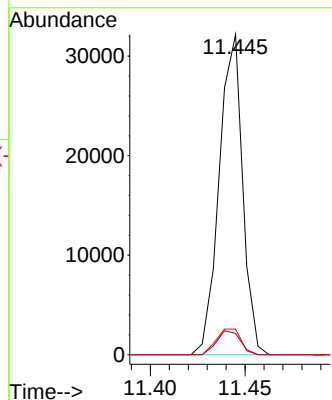
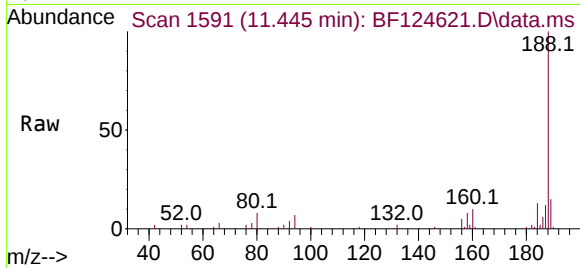




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

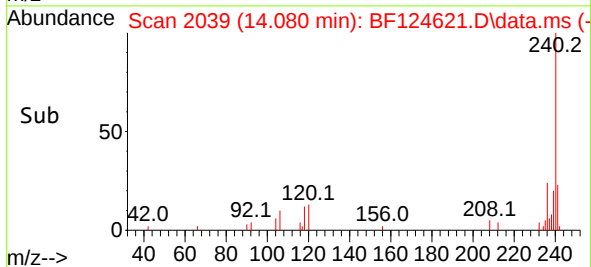
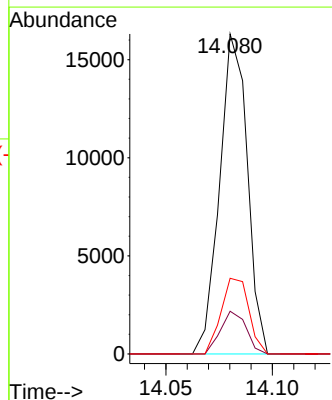
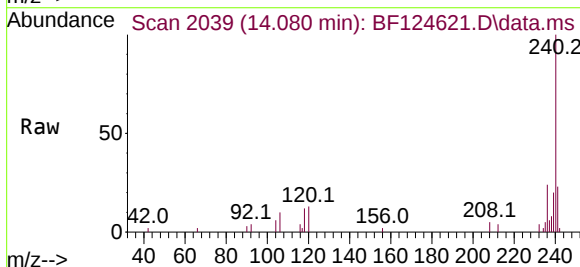
Instrument :
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EX-05RE

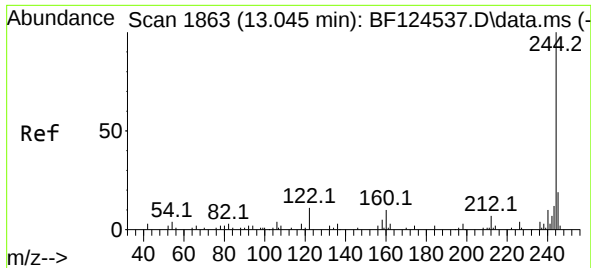
Tgt Ion:188 Resp: 27673
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 8.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124621.D
Acq: 19 Jul 2021 19:15

Tgt Ion:240 Resp: 14735
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 23.6 21.6 32.4

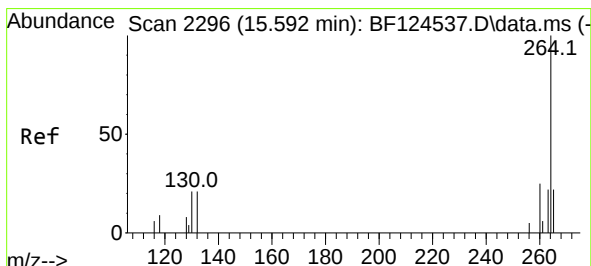
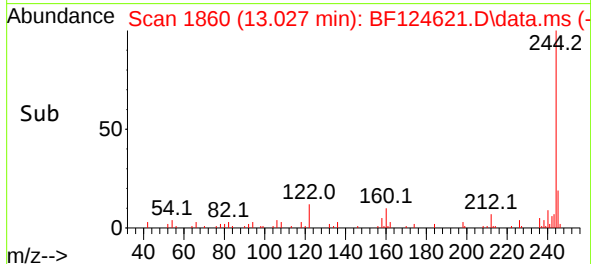
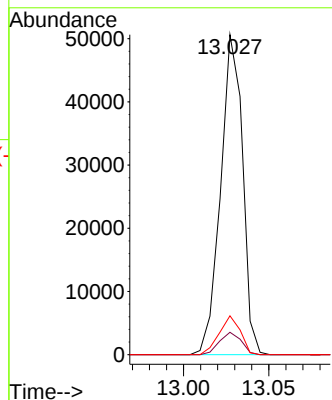
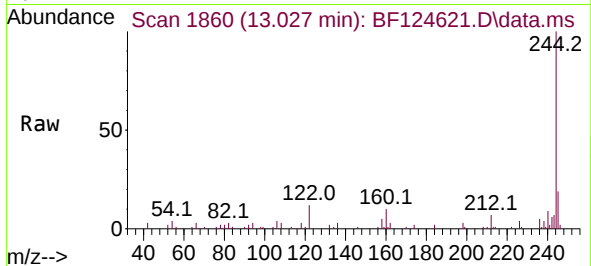




#79
 Terphenyl-d14
 Concen: 51.70 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF124621.D
 Acq: 19 Jul 2021 19:15

Instrument :
 BNA_F
 ClientSampleId :
 EX-05RE

Tgt Ion:244	Resp:	45371
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	12.2	9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF124621.D
 Acq: 19 Jul 2021 19:15

Tgt Ion:264	Resp:	1516
Ion Ratio	Lower	Upper
264	100	
260	41.7	19.6 29.4#
265	0.0	17.2 25.8#

