

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
 Data File : BF124597.D
 Acq On : 16 Jul 2021 15:33
 Operator : JU/CG
 Sample : M3039-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-05

Quant Time: Jul 16 15:55:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

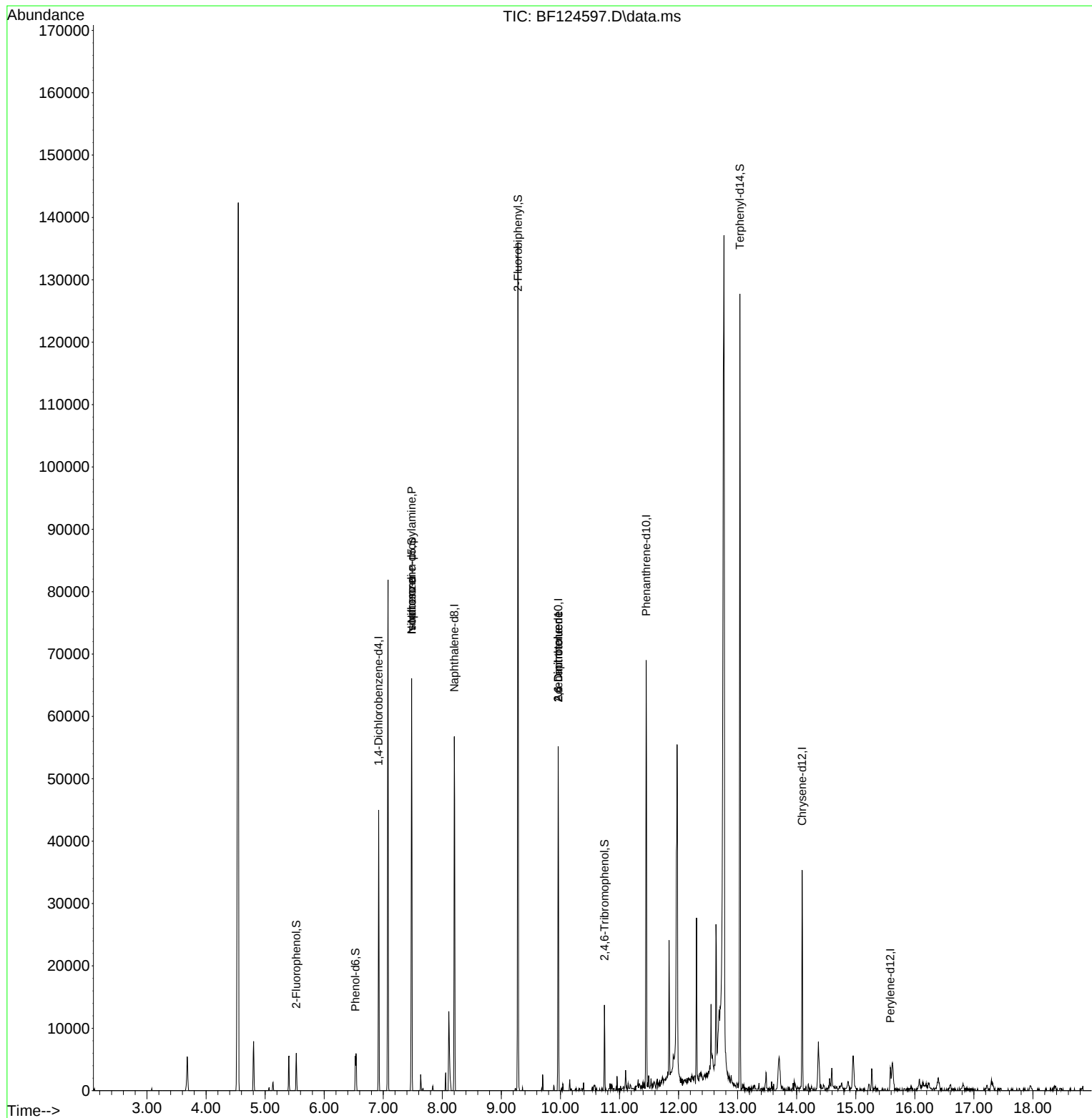
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	6218	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	25073	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	10134	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	24817	20.000	ng	0.00
76) Chrysene-d12	14.092	240	12133	20.000	ng	0.00
86) Perylene-d12	15.586	264	1723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2316	6.453	ng	-0.01
7) Phenol-d6	6.528	99	1569	3.594	ng	-0.02
23) Nitrobenzene-d5	7.481	82	17854	44.952	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	1674	21.227	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	39333	56.599	ng	0.00
79) Terphenyl-d14	13.039	244	39924	55.255	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	2339	9.529	ng	# 71
25) Isophorone	7.481	82	17853	24.485	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1109	7.979	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1109	5.828	ng	# 18

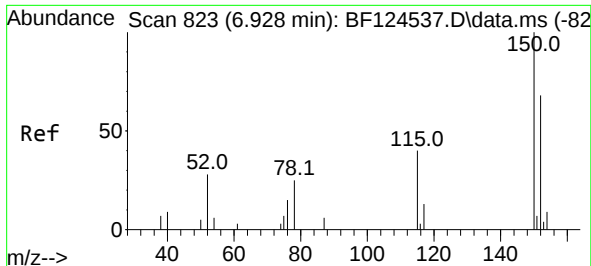
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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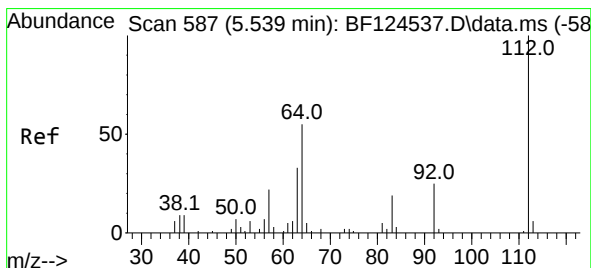
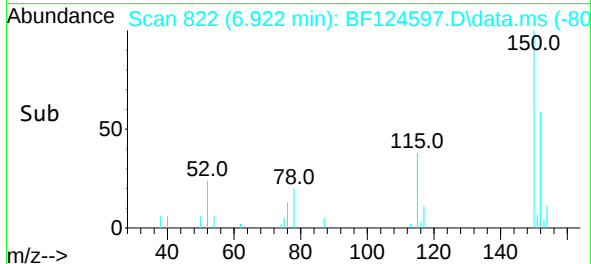
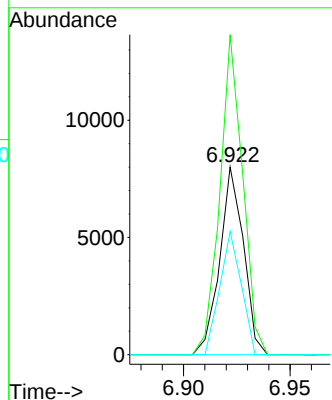
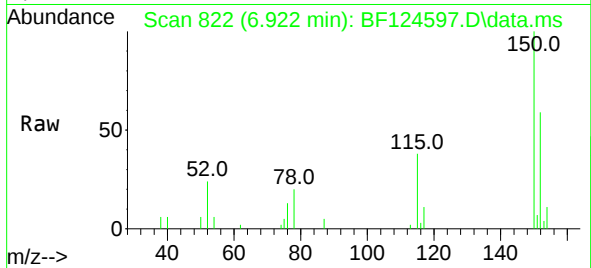




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

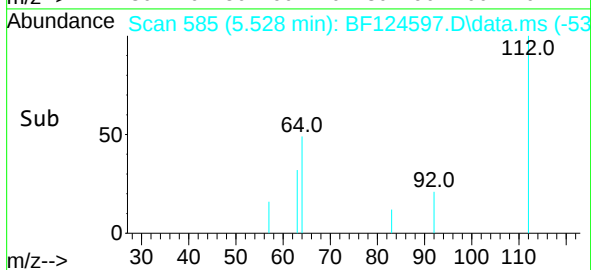
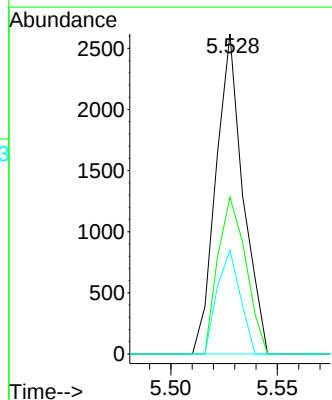
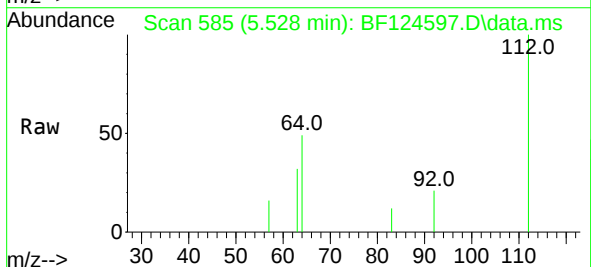
Instrument :
BNA_F
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EX-05

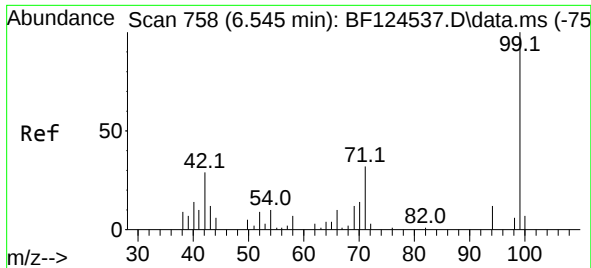
Tgt Ion:152 Resp: 6218
Ion Ratio Lower Upper
152 100
150 170.5 117.6 176.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 6.453 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.011 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:112 Resp: 2316
Ion Ratio Lower Upper
112 100
64 48.9 44.2 66.2
63 32.4 26.2 39.2

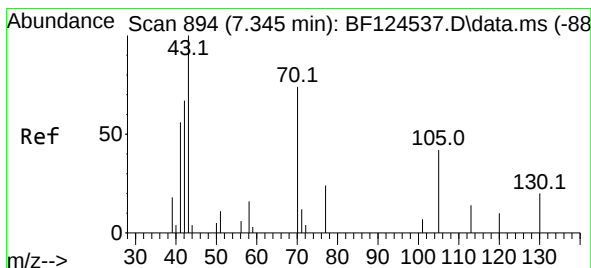
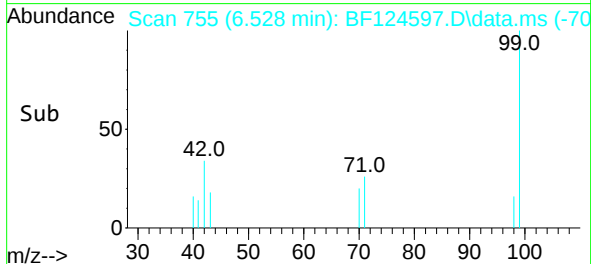
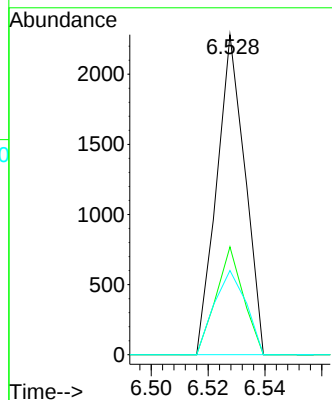
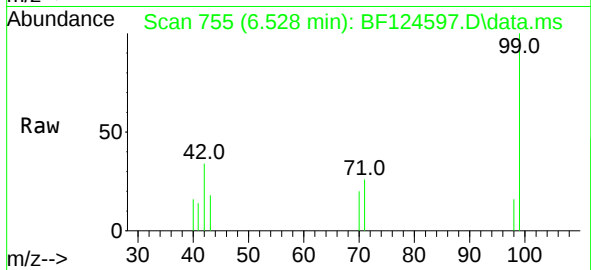




#7
Phenol-d6
Concen: 3.594 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.017 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

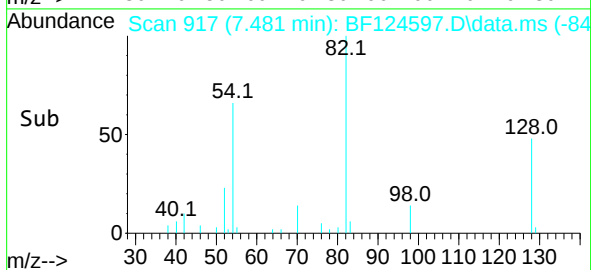
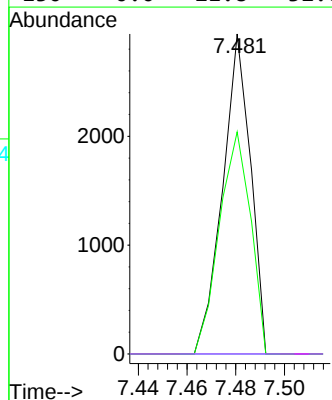
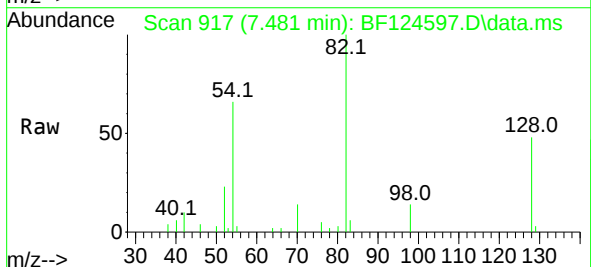
Instrument :
BNA_F
ClientSampleID :
EX-05

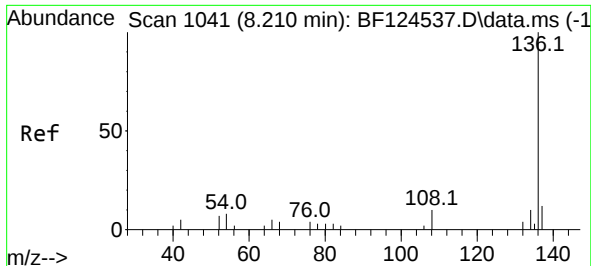
Tgt Ion:	99	Resp:	1569
Ion	Ratio	Lower	Upper
99	100		
42	33.7	23.5	35.3
71	26.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.529 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.135 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

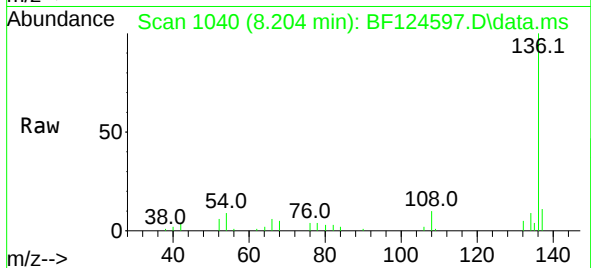
Tgt Ion:	70	Resp:	2339
Ion	Ratio	Lower	Upper
70	100		
42	69.4	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



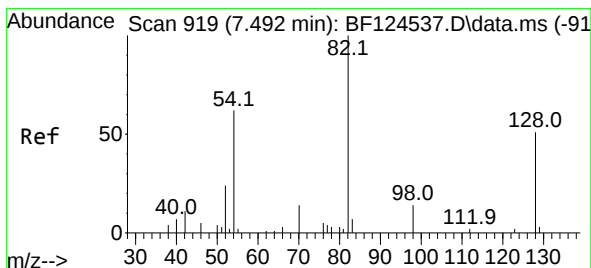
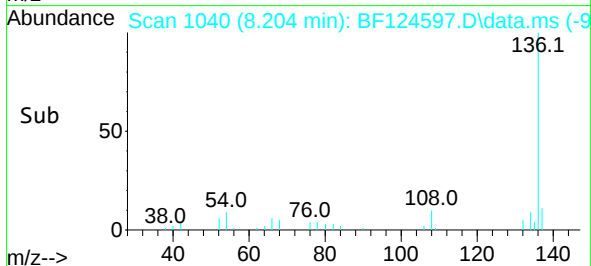
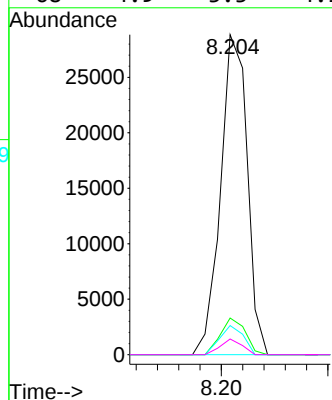


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Instrument :
BNA_F
ClientSampled :
EX-05

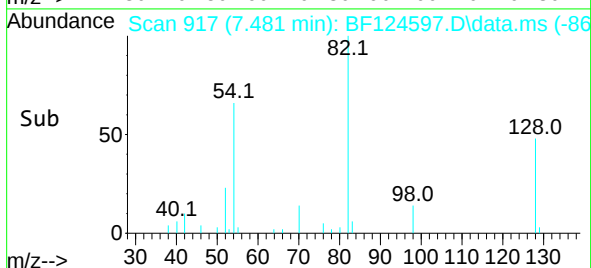
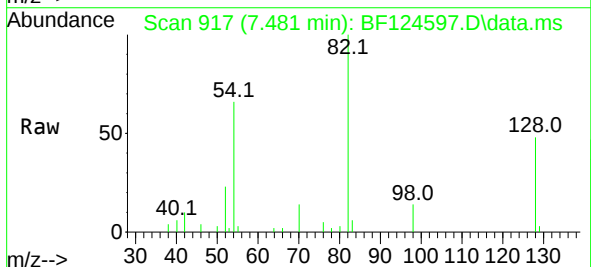
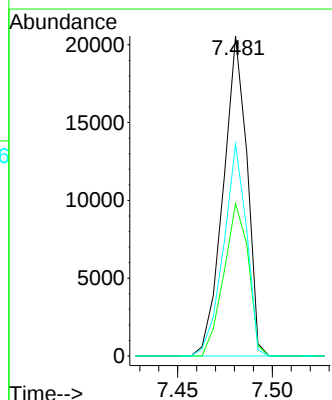


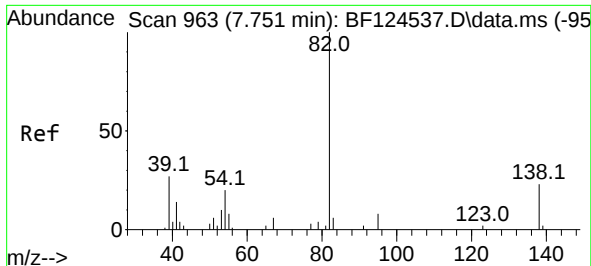
Tgt Ion:	136	Resp:	25073
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	9.1	6.4	9.6
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 44.952 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.011 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:	82	Resp:	17854
Ion Ratio	Lower	Upper	
82	100		
128	47.6	40.6	60.8
54	66.2	49.6	74.4

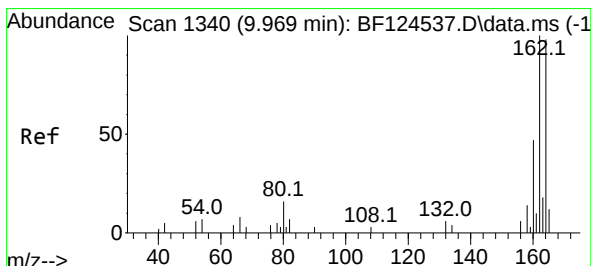
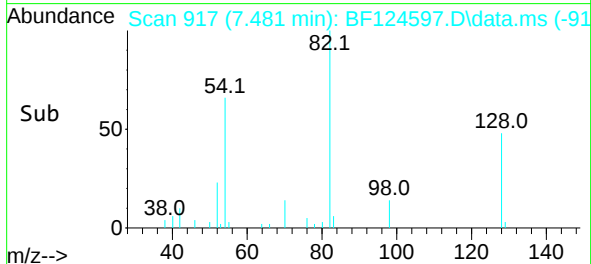
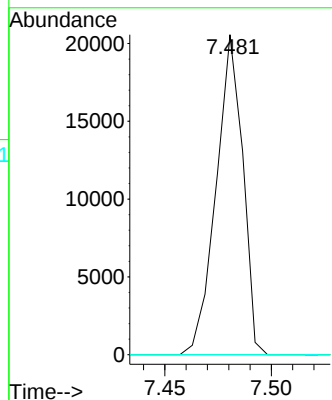
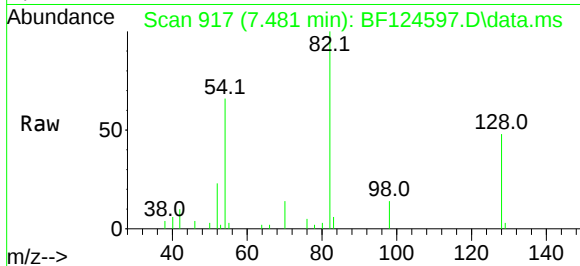




#25
Isophorone
Concen: 24.485 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.271 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

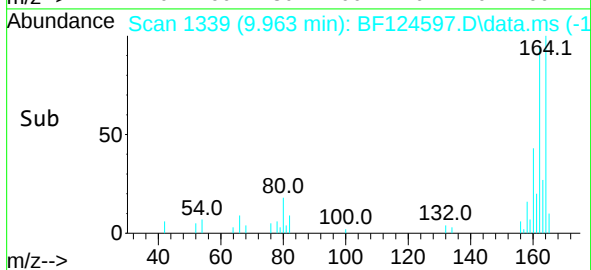
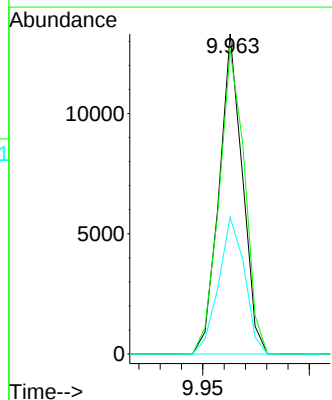
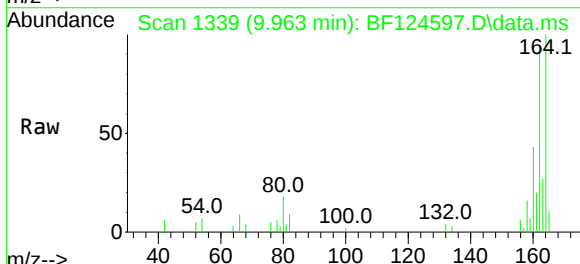
Instrument :
BNA_F
ClientSampled :
EX-05

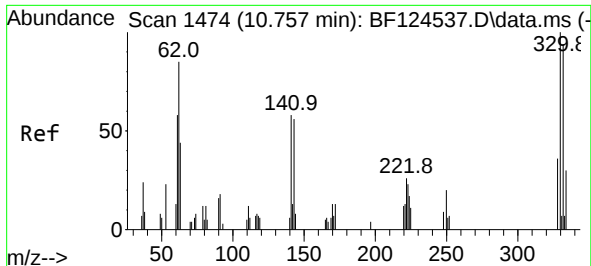
Tgt Ion: 82 Resp: 17853
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion: 164 Resp: 10134
Ion Ratio Lower Upper
164 100
162 94.9 81.3 121.9
160 42.8 38.0 57.0

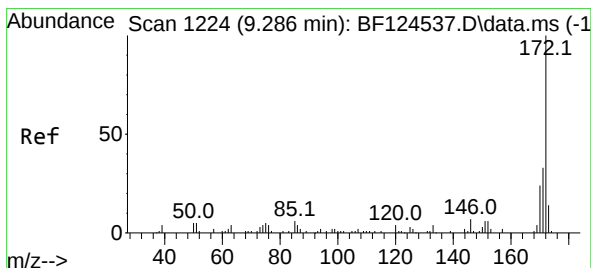
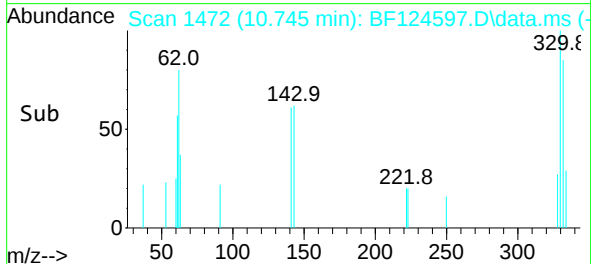
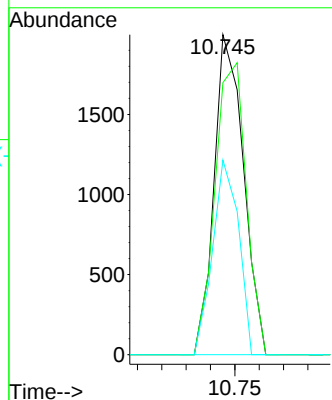
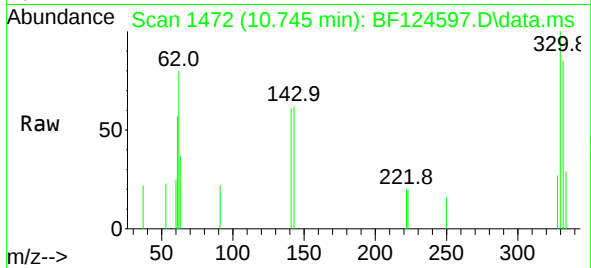




#42
2,4,6-Tribromophenol
Concen: 21.227 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

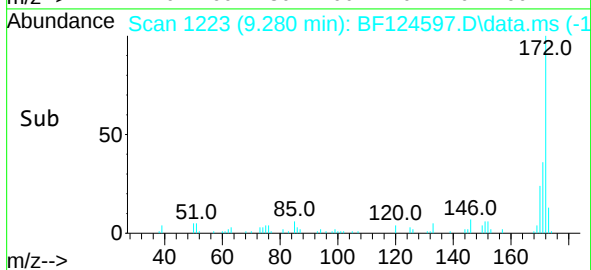
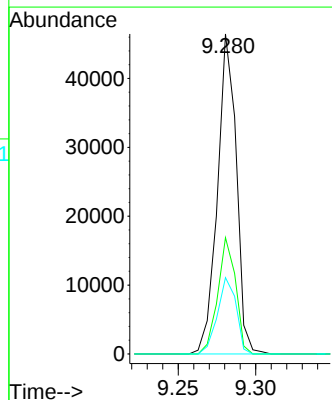
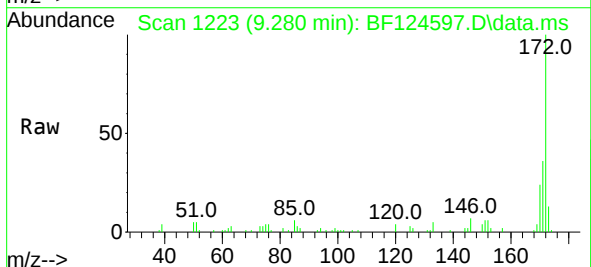
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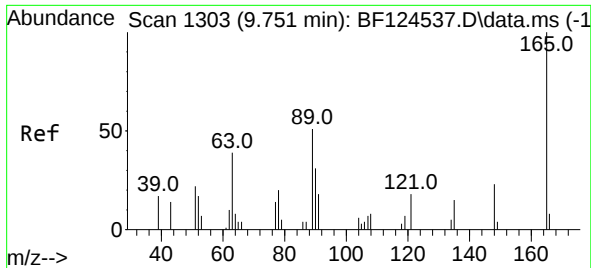
Tgt Ion: 330 Resp: 1674
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 53.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 56.599 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion: 172 Resp: 39333
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 23.9 18.8 28.2

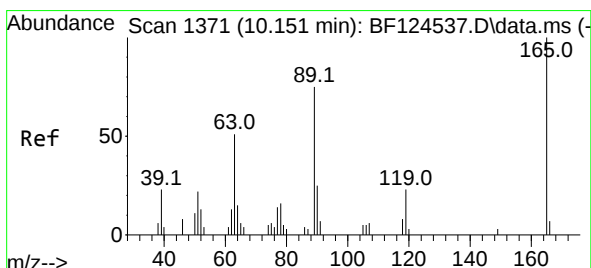
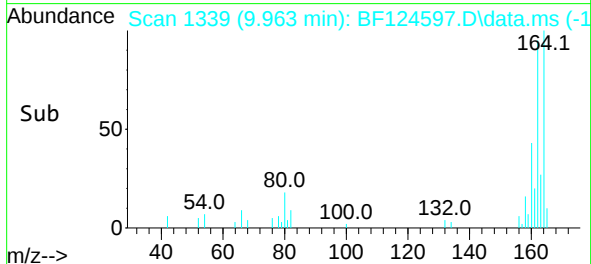
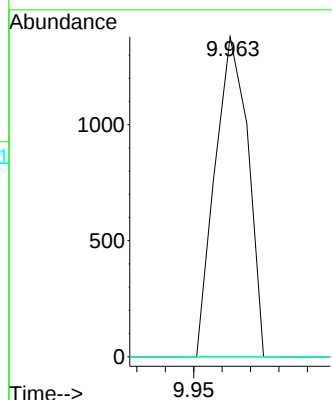
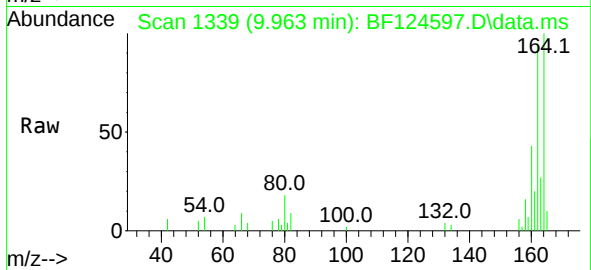




#51
2,6-Dinitrotoluene
Concen: 7.979 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

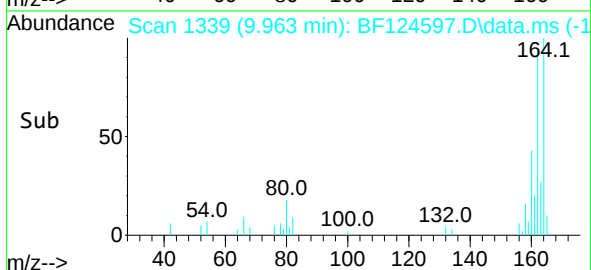
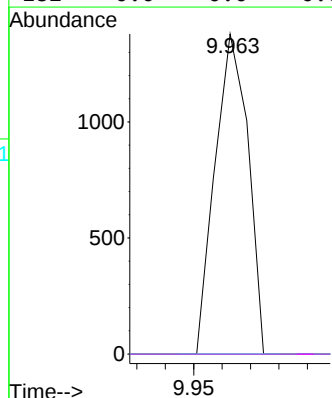
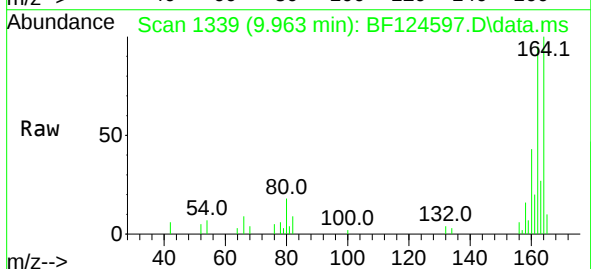
Instrument :
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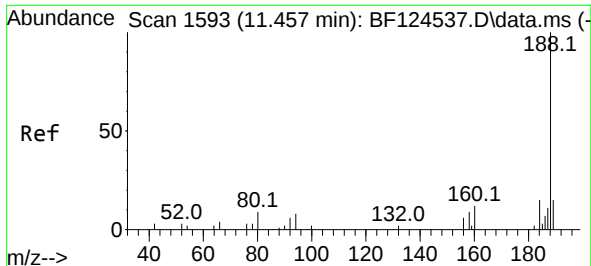
Tgt Ion:165 Resp: 1109
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.828 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:165 Resp: 1109
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

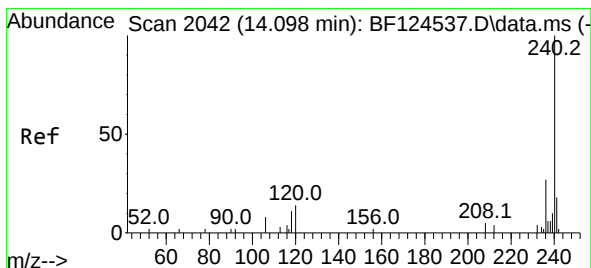
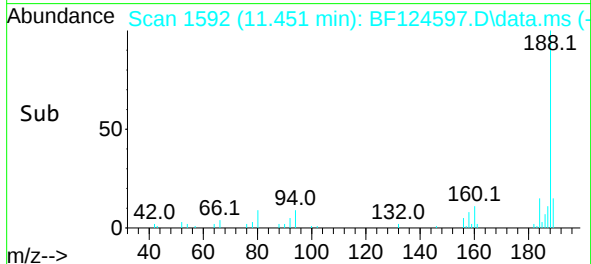
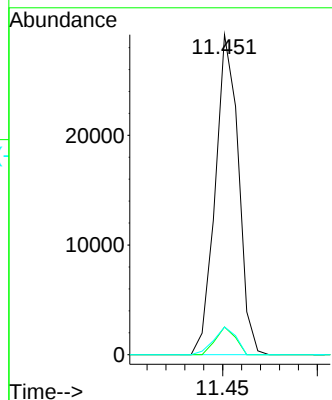
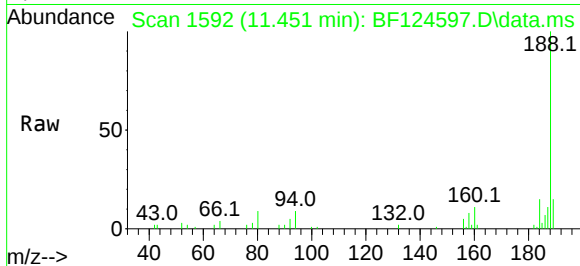




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

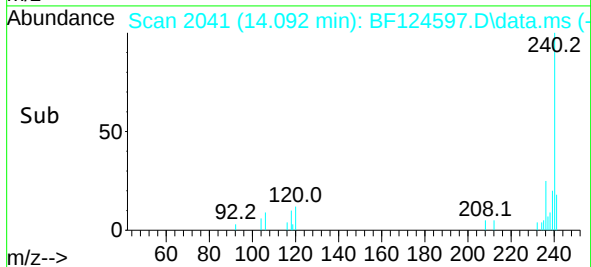
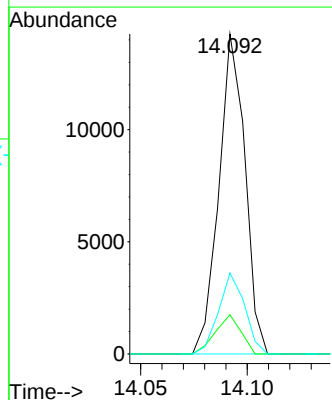
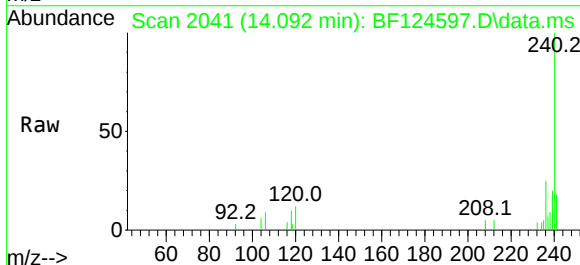
Instrument :
BNA_F
ClientSampleId :
EX-05

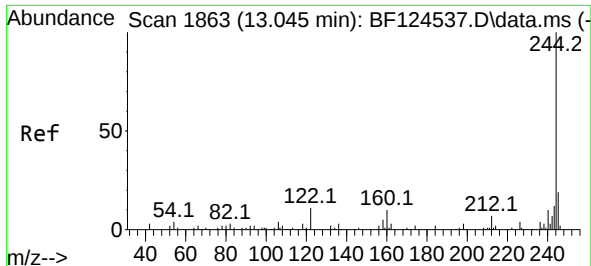
Tgt Ion:188 Resp: 24817
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

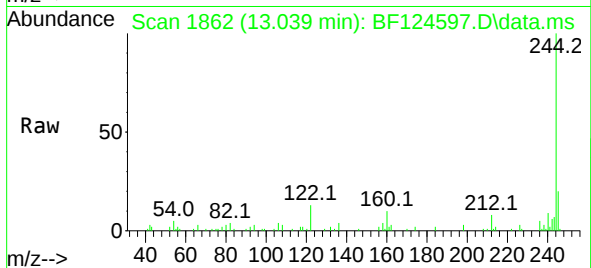
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Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 25.3 21.6 32.4



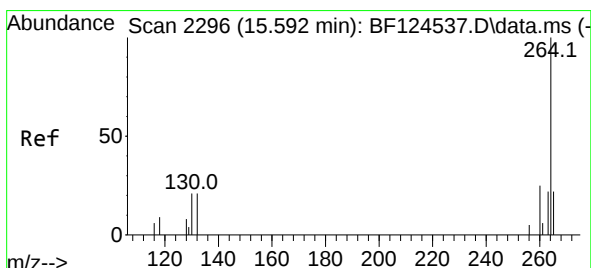
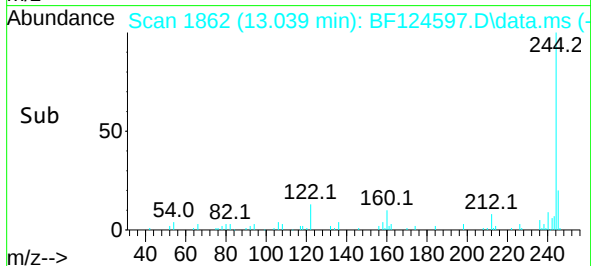
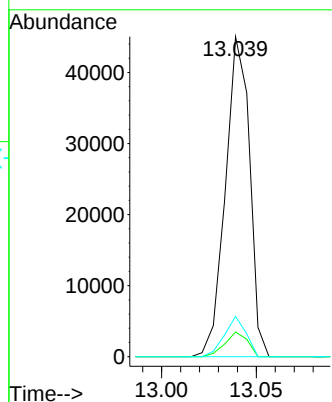


#79
Terphenyl-d14
Concen: 55.255 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Instrument :
BNA_F
ClientSampleId :
EX-05



Tgt Ion:244 Resp: 39924
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 12.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:264 Resp: 1723
Ion Ratio Lower Upper
264 100
260 28.5 19.6 29.4
265 20.6 17.2 25.8

