

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124782.D
 Acq On : 27 Jul 2021 00:53
 Operator : JU/CG
 Sample : M3170-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-072321

Quant Time: Jul 27 04:27:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

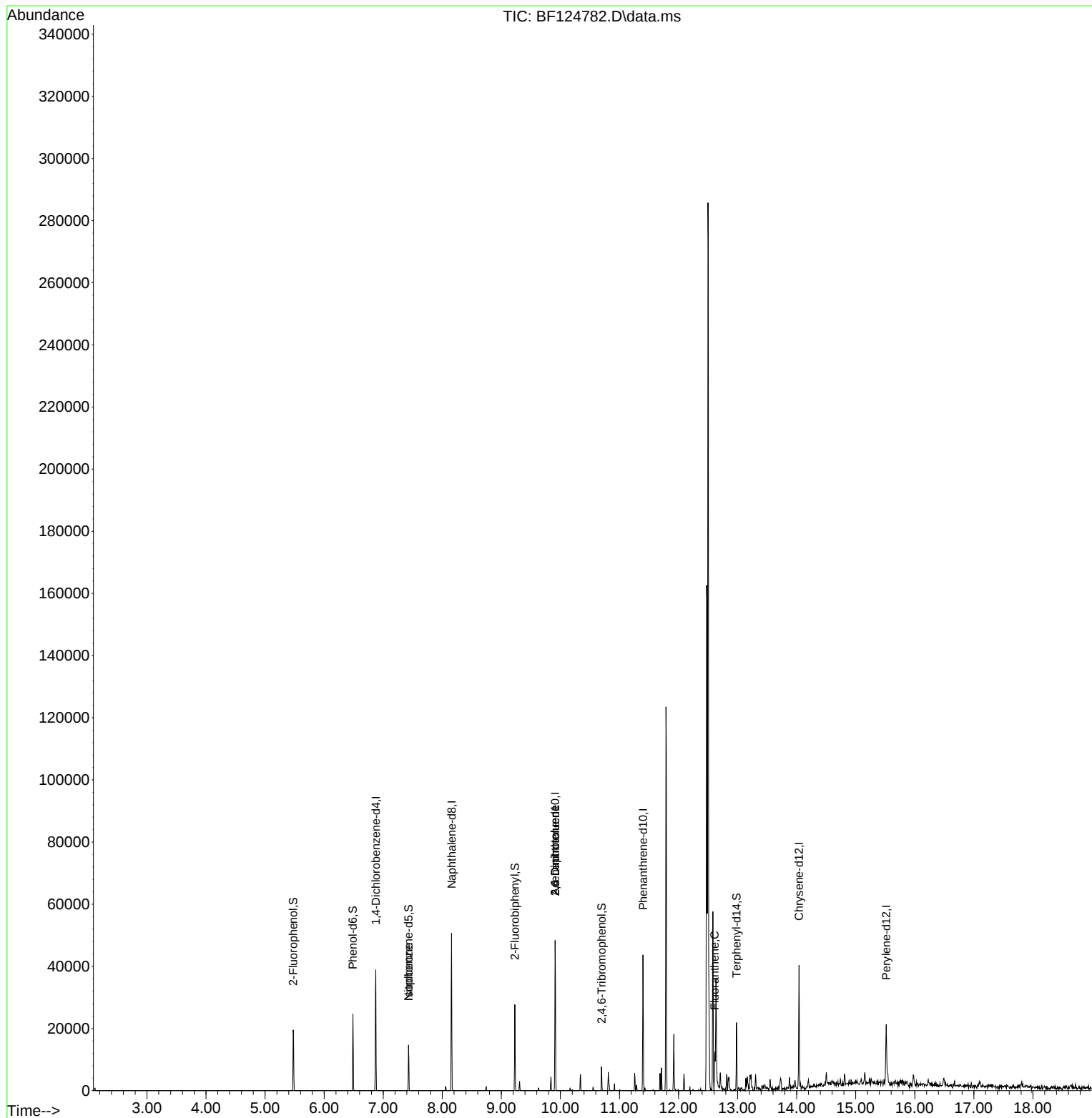
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5497	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	20193	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	10104	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15548	20.000	ng	0.00
76) Chrysene-d12	14.039	240	13340	20.000	ng	# 0.00
86) Perylene-d12	15.516	264	10049	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	5890	18.142	ng	0.00
7) Phenol-d6	6.487	99	6922	17.007	ng	-0.01
23) Nitrobenzene-d5	7.428	82	4049	11.934	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	1216	14.017	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	8740	12.705	ng	0.00
79) Terphenyl-d14	12.980	244	8150	10.472	ng	0.00
Target Compounds						
25) Isophorone	7.428	82	4049	6.749	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1195	7.775	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1195	5.729	ng	# 18
75) Fluoranthene	12.610	202	1722	2.018	ng	86

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

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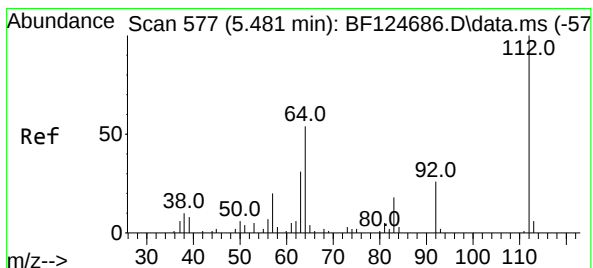
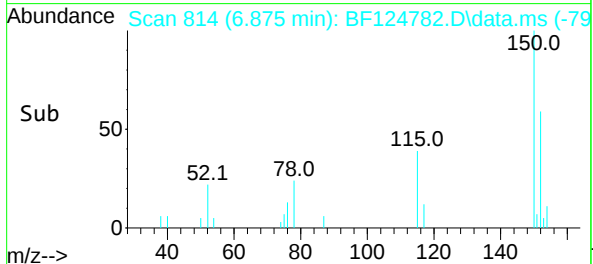
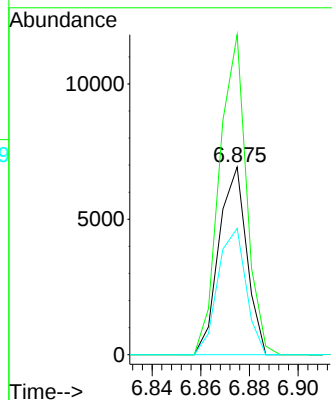
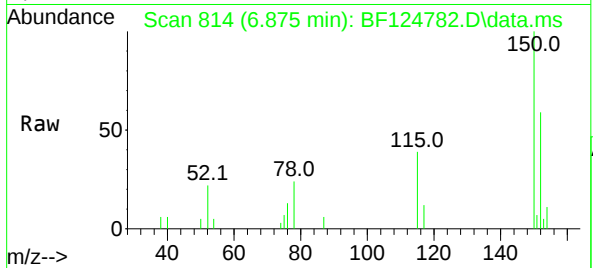




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

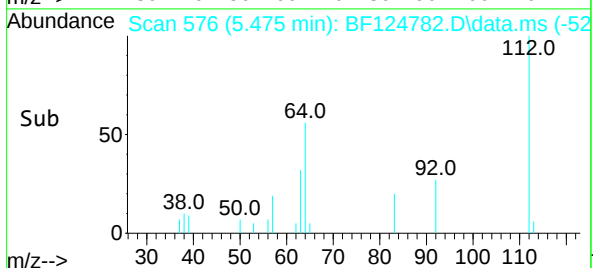
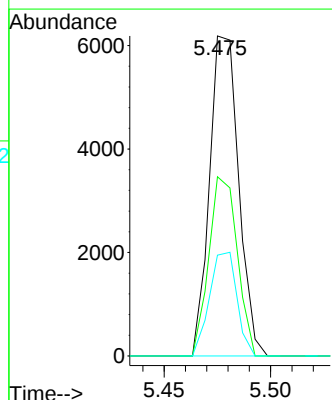
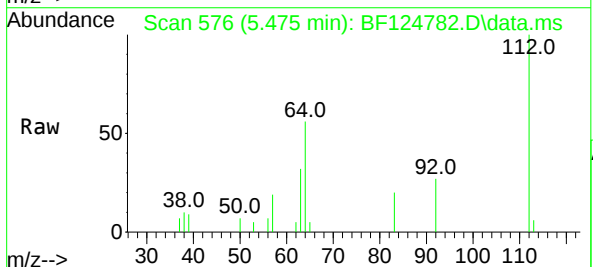
Instrument :
BNA_F
ClientSampled :
SU-02-072321

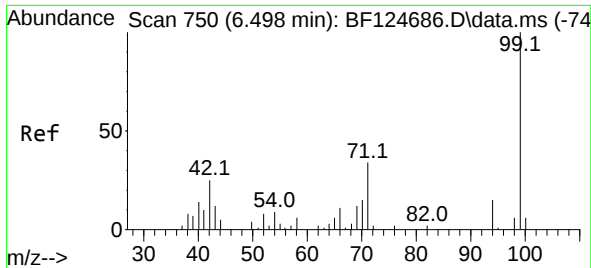
Tgt Ion:152 Resp: 5497
Ion Ratio Lower Upper
152 100
150 170.5 117.6 176.4
115 67.3 47.1 70.7



#5
2-Fluorophenol
Concen: 18.142 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

Tgt Ion:112 Resp: 5890
Ion Ratio Lower Upper
112 100
64 56.0 44.2 66.2
63 31.5 26.2 39.2

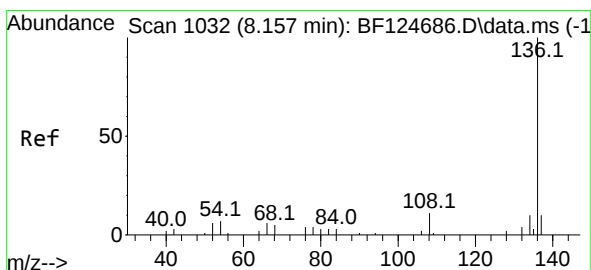
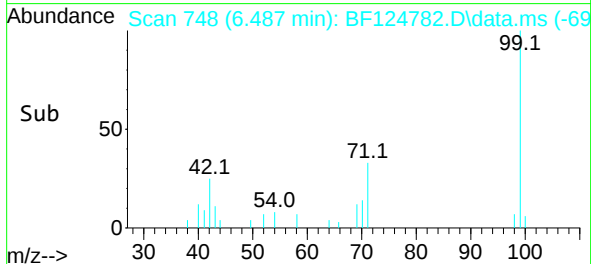
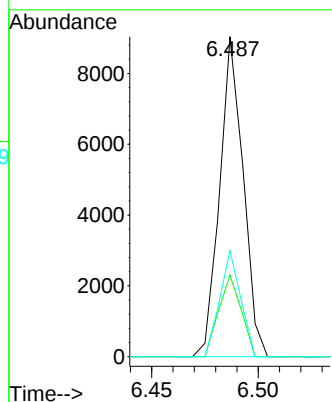
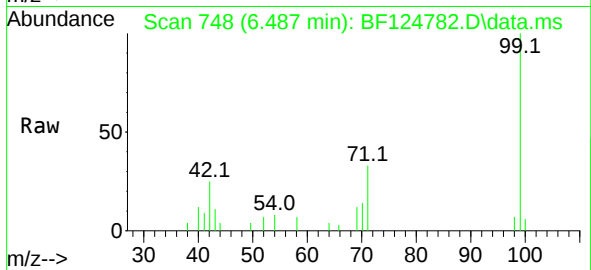




#7
Phenol-d6
Concen: 17.007 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

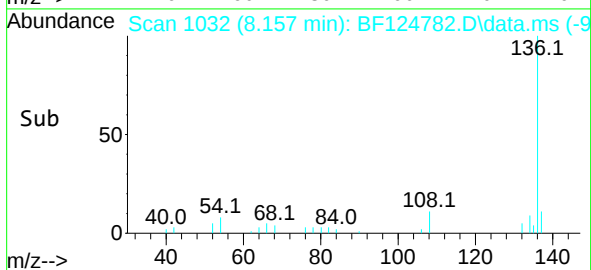
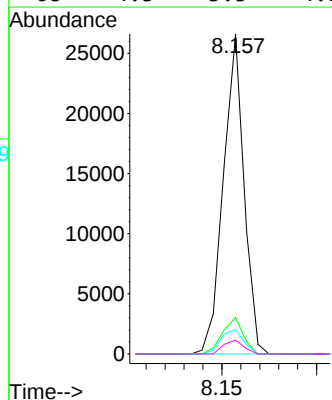
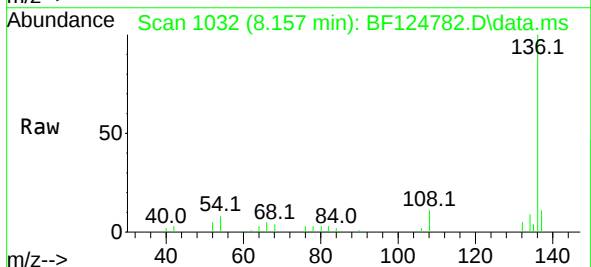
Instrument :
BNA_F
ClientSampleId :
SU-02-072321

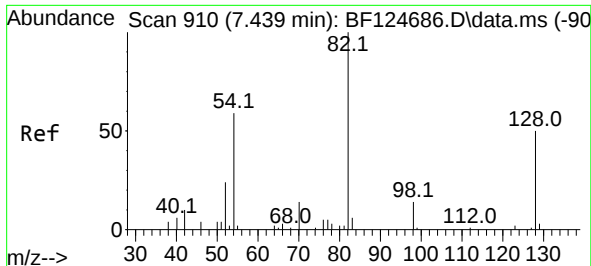
Tgt Ion: 99	Resp: 6922
Ion Ratio	Lower Upper
99 100	
42 25.5	23.5 35.3
71 33.1	25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

Tgt Ion: 136	Resp: 20193
Ion Ratio	Lower Upper
136 100	
137 11.3	9.8 14.6
54 7.5	6.4 9.6
68 4.3	3.3 4.9





#23

Nitrobenzene-d5

Concen: 11.934 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124782.D

Acq: 27 Jul 2021 00:53

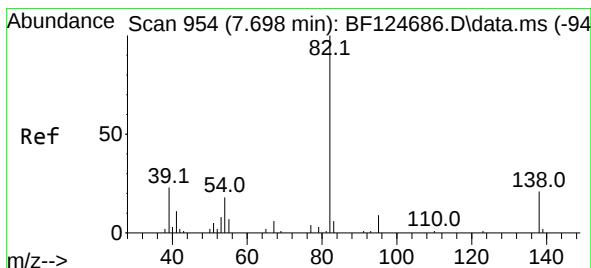
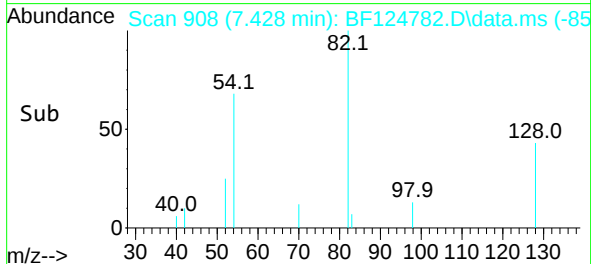
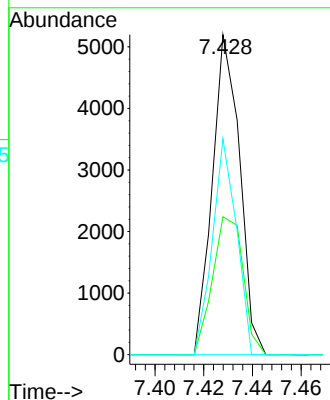
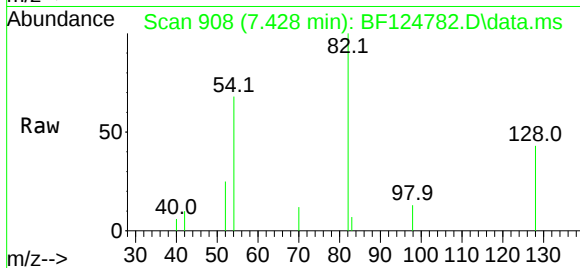
Tgt Ion:	82	Resp:	4049
Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	67.5	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

SU-02-072321



#25

Isophorone

Concen: 6.749 ng

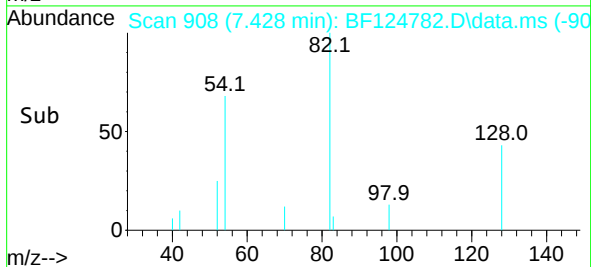
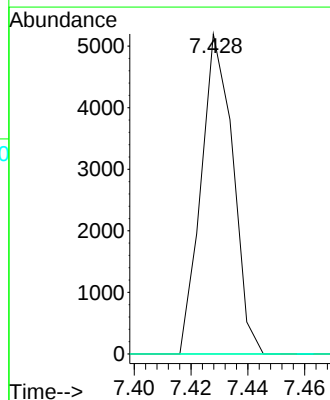
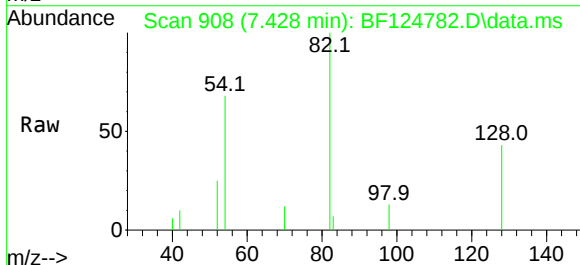
RT: 7.428 min Scan# 908

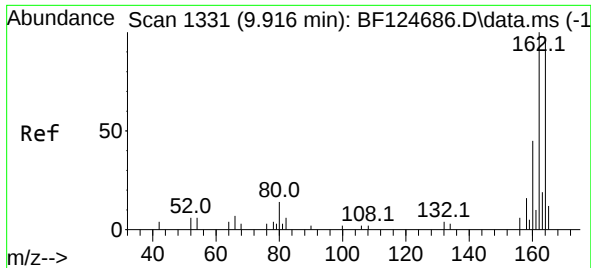
Delta R.T. -0.270 min

Lab File: BF124782.D

Acq: 27 Jul 2021 00:53

Tgt Ion:	82	Resp:	4049
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

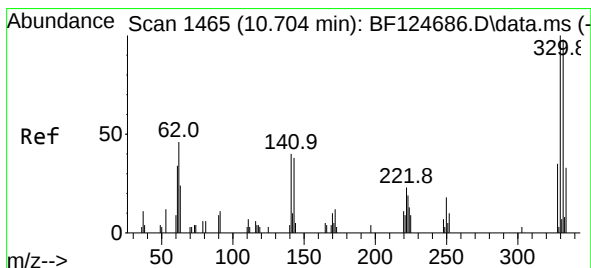
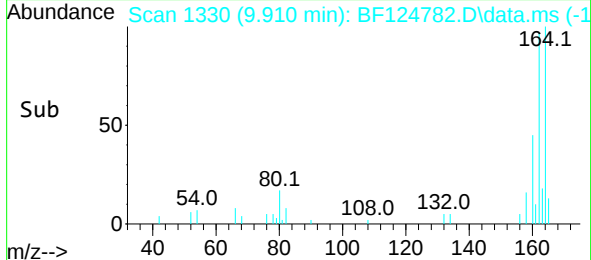
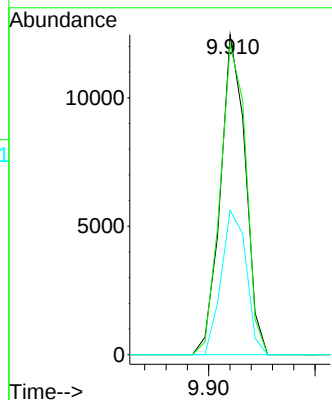
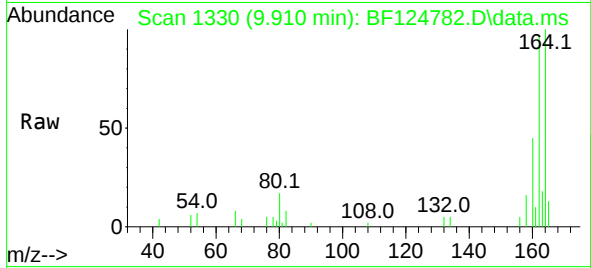




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

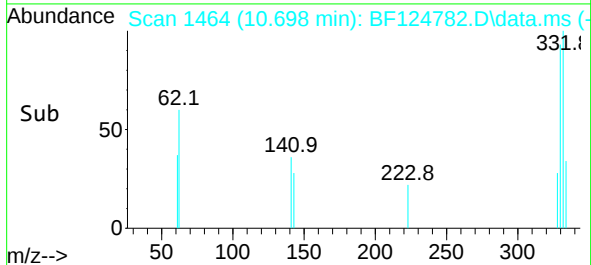
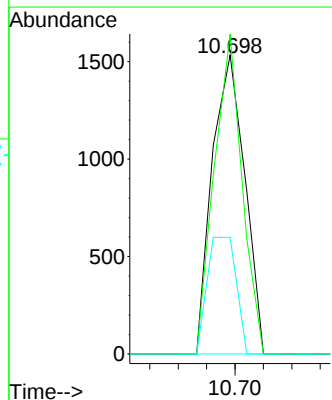
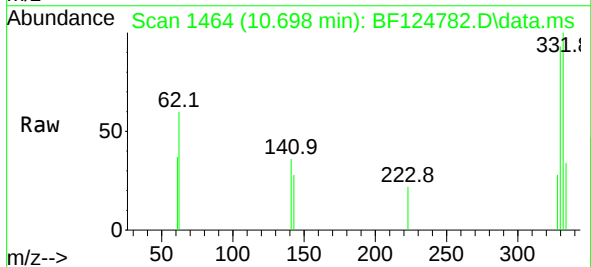
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BNA_F
ClientSampleId :
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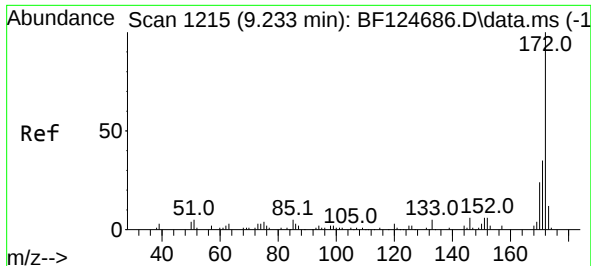
Tgt Ion:164 Resp: 10104
Ion Ratio Lower Upper
164 100
162 97.0 81.3 121.9
160 45.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 14.017 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

Tgt Ion:330 Resp: 1216
Ion Ratio Lower Upper
330 100
332 91.6 76.2 114.4
141 34.8 44.6 66.8#

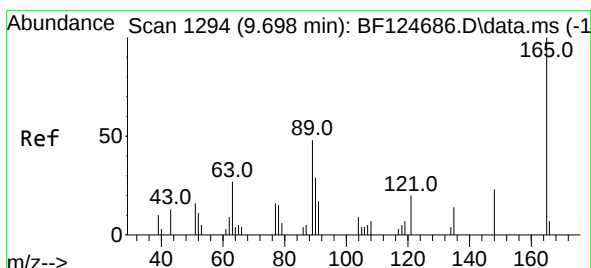
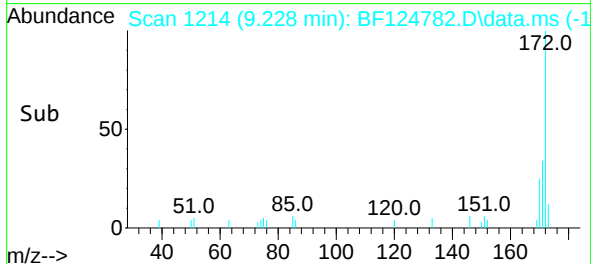
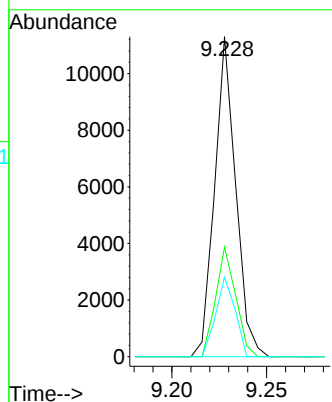
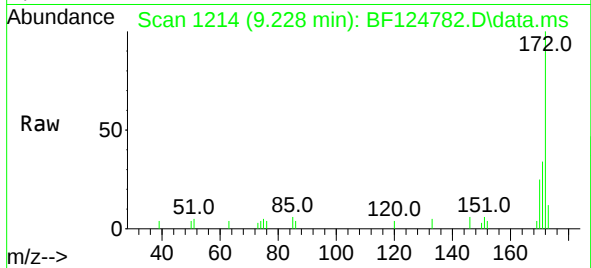




#45
2-Fluorobiphenyl
Concen: 12.705 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

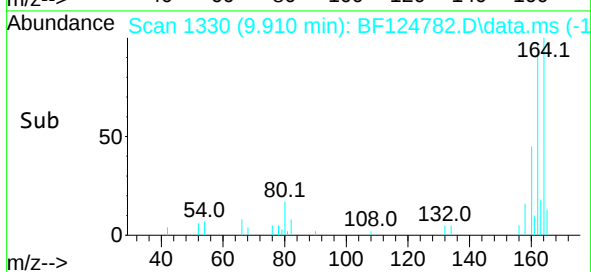
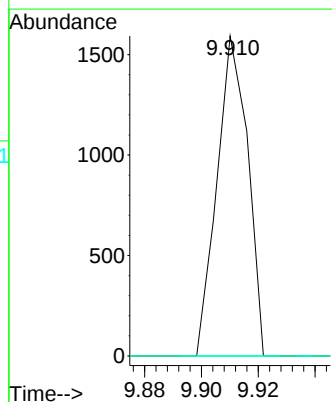
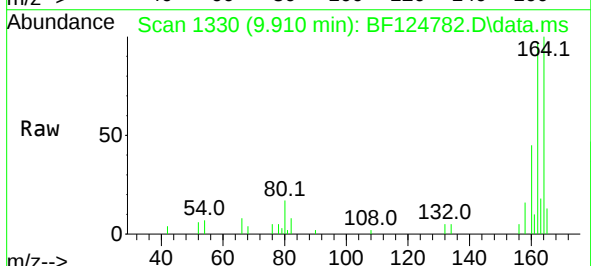
Instrument :
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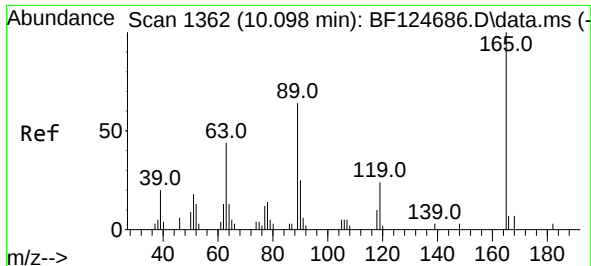
Tgt Ion:172 Resp: 8740
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 24.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.775 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

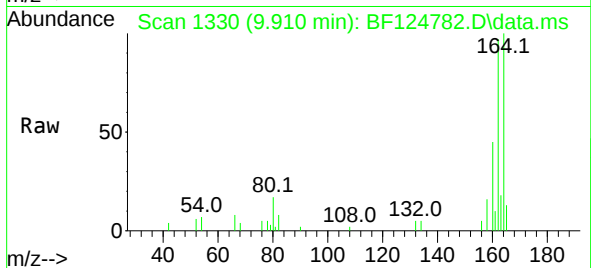
Tgt Ion:165 Resp: 1195
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



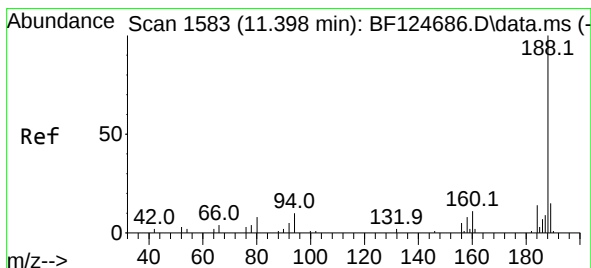
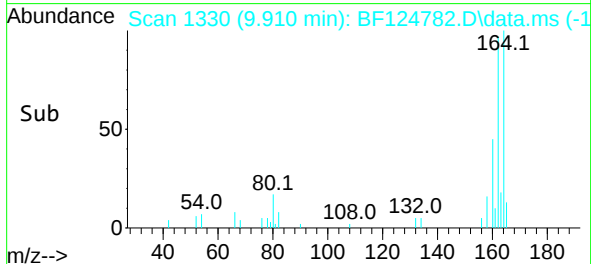
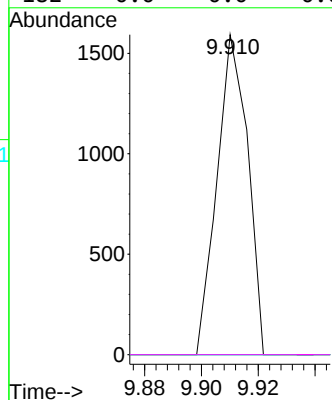


#57
2,4-Dinitrotoluene
Concen: 5.729 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

Instrument :
BNA_F
ClientSampleId :
SU-02-072321

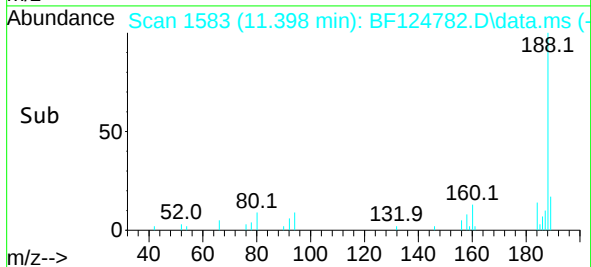
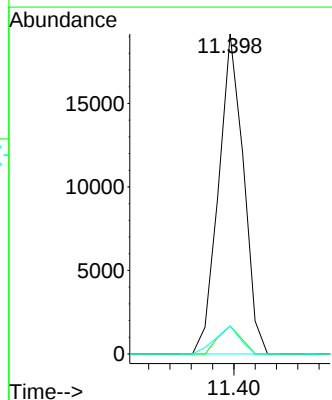
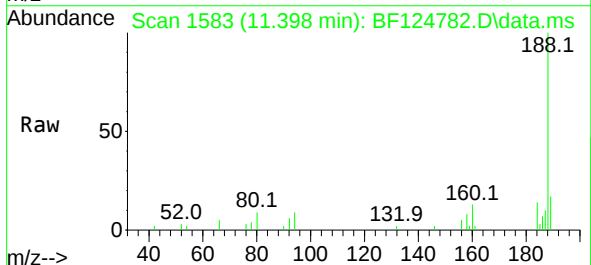


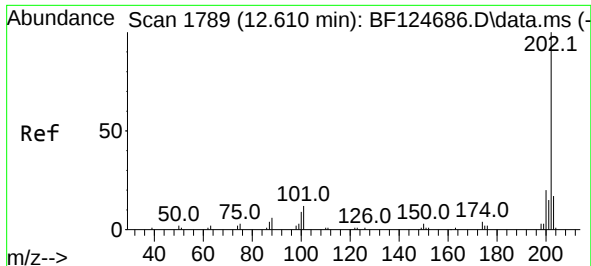
Tgt Ion:165 Resp: 1195
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

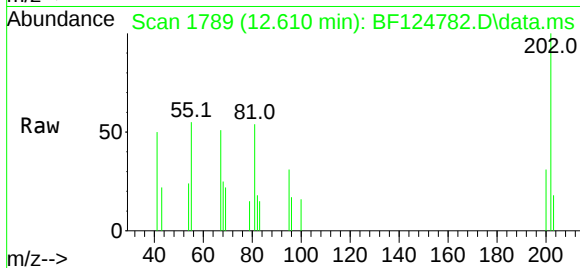
Tgt Ion:188 Resp: 15548
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.7 7.5 11.3



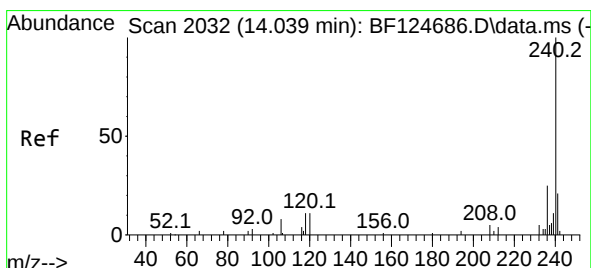
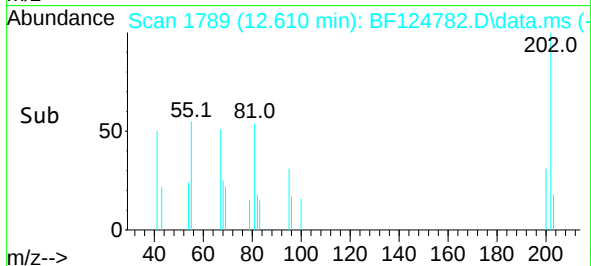
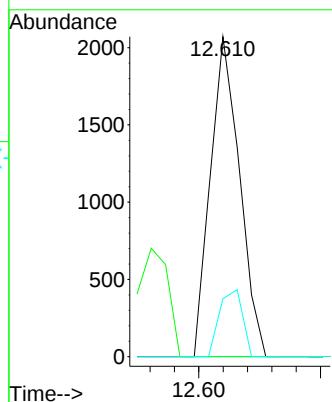


#75
Fluoranthene
Concen: 2.018 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

Instrument :
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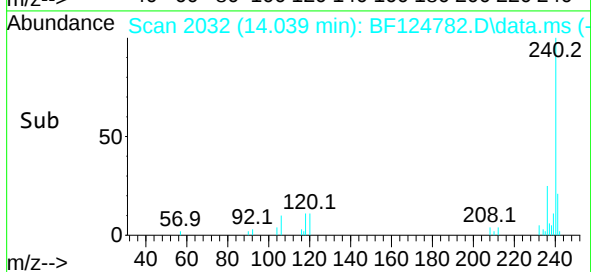
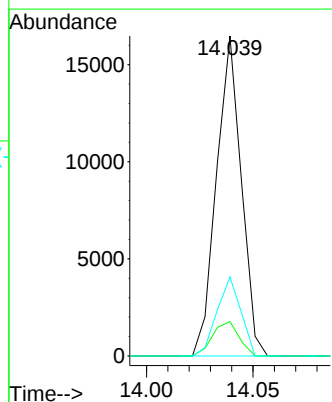
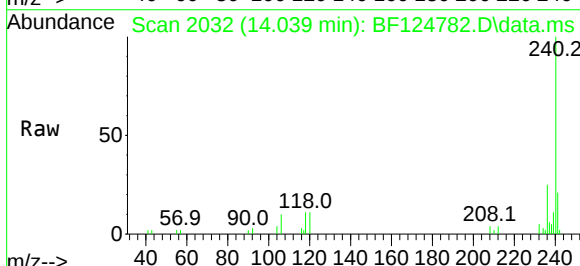


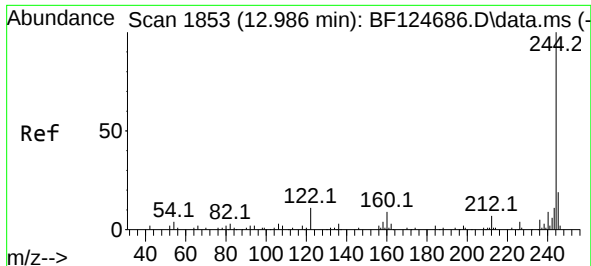
Tgt Ion:202 Resp: 1722
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.7
203 18.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124782.D
Acq: 27 Jul 2021 00:53

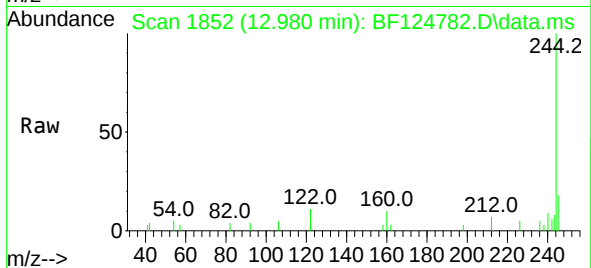
Tgt Ion:240 Resp: 13340
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 24.7 21.6 32.4



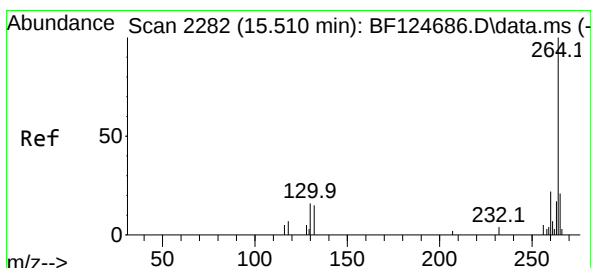
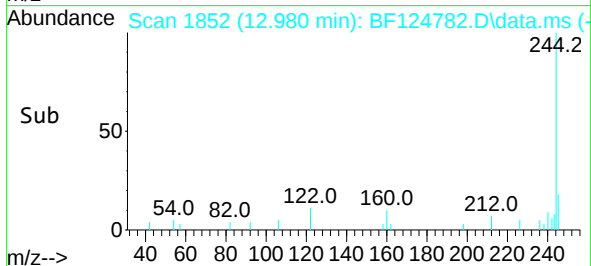
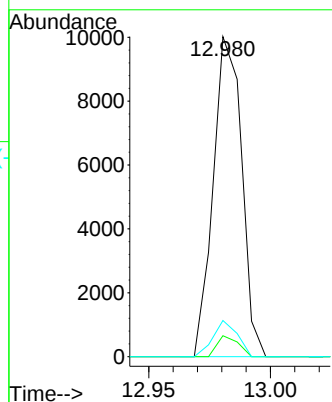


#79
 Terphenyl-d14
 Concen: 10.472 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124782.D
 Acq: 27 Jul 2021 00:53

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-072321



Tgt Ion:244 Resp: 8150
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 11.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124782.D
 Acq: 27 Jul 2021 00:53

Tgt Ion:264 Resp: 10049
 Ion Ratio Lower Upper
 264 100
 260 18.3 19.6 29.4#
 265 23.4 17.2 25.8

