

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124733.D
 Acq On : 24 Jul 2021 2:14
 Operator : JU/CG
 Sample : M3114-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210541-COM-14

Quant Time: Jul 24 04:40:23 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	6.869	152	6835	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	28708	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	15716	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	27579	20.000	ng	0.00
76) Chrysene-d12	14.027	240	16176	20.000	ng	#-0.01
86) Perylene-d12	15.498	264	12683	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	38763	96.023	ng	0.00
7) Phenol-d6	6.492	99	45039	88.996	ng	0.00
23) Nitrobenzene-d5	7.428	82	27795	57.625	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	11753	87.100	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	53040	49.569	ng	0.00
79) Terphenyl-d14	12.980	244	48801	51.714	ng	0.00

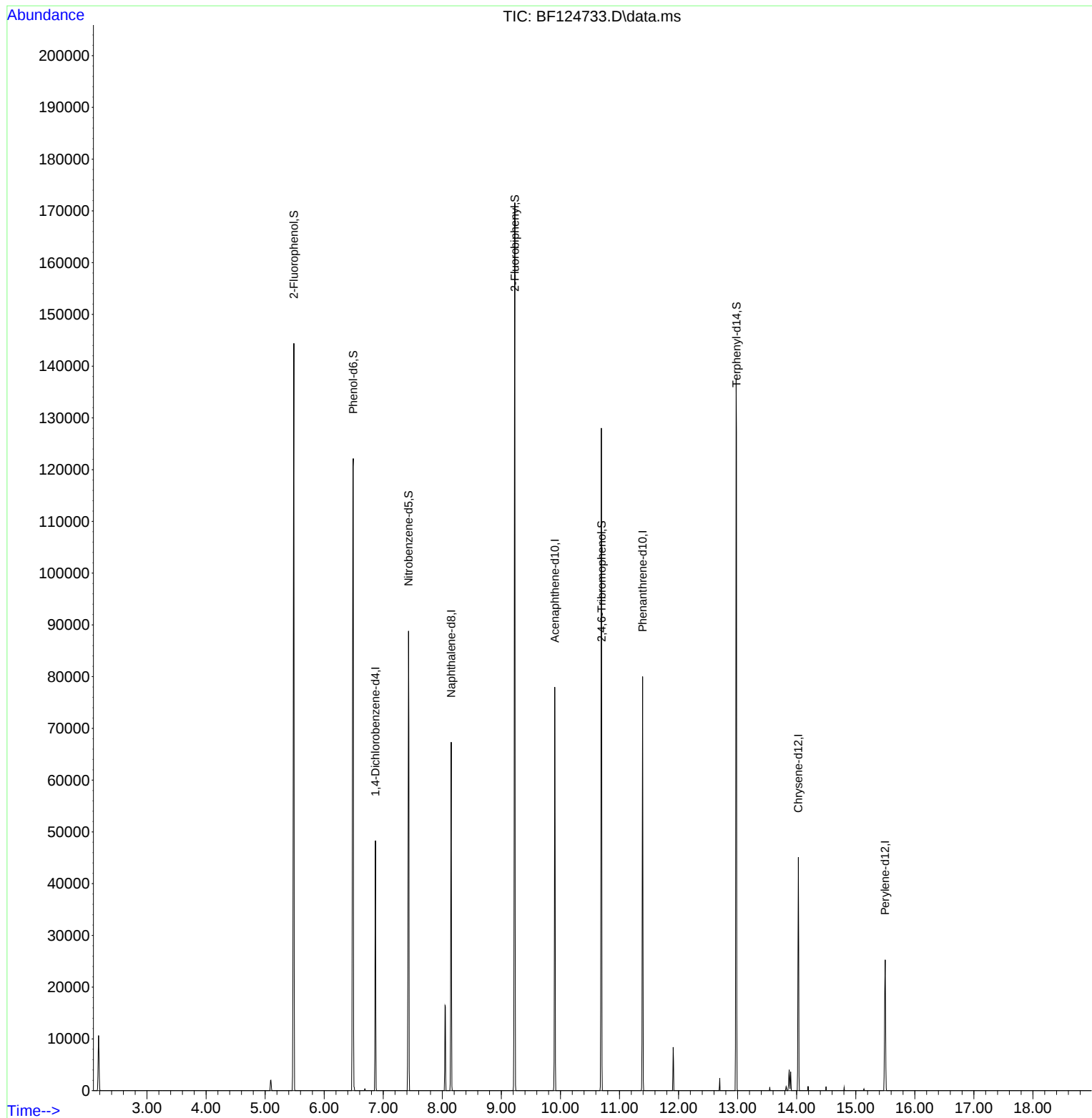
Target Compounds	Qvalue

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

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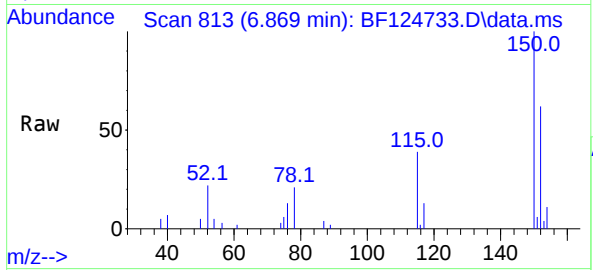
Quant Time: Jul 24 04:40:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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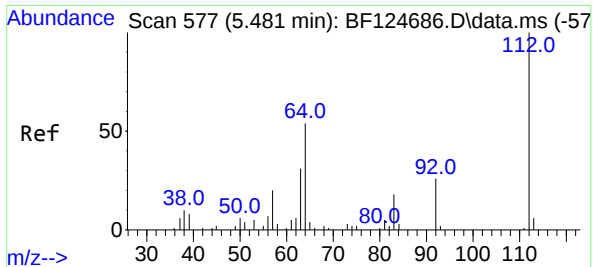
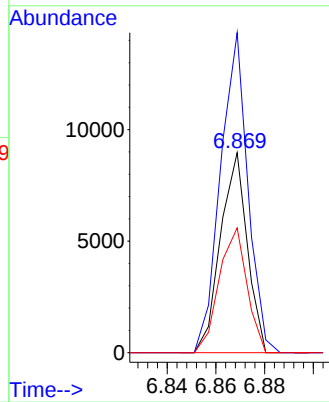
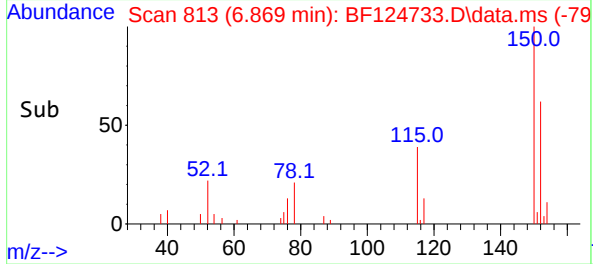


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

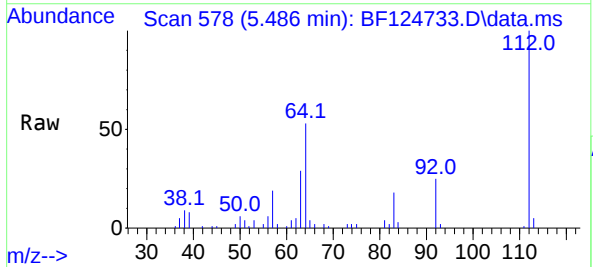
Instrument :
BNA_F
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20210541-COM-14



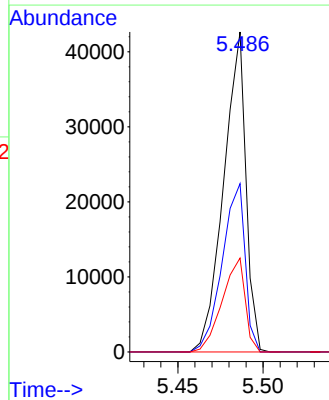
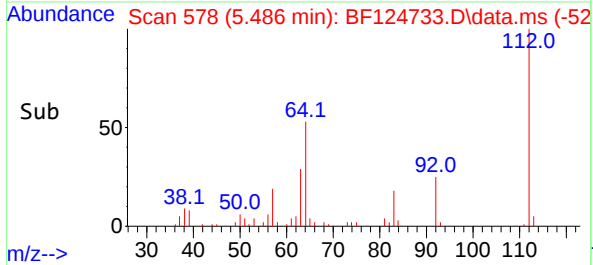
Tgt Ion:152 Resp: 6835
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 62.4 47.1 70.7

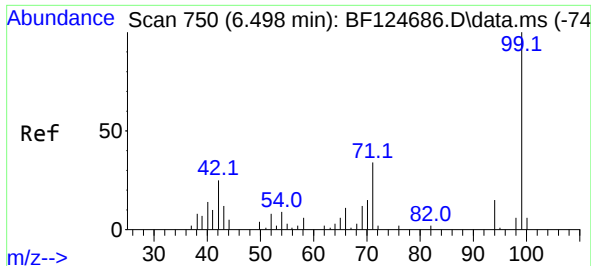


#5
2-Fluorophenol
Concen: 96.023 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14



Tgt Ion:112 Resp: 38763
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 29.4 26.2 39.2



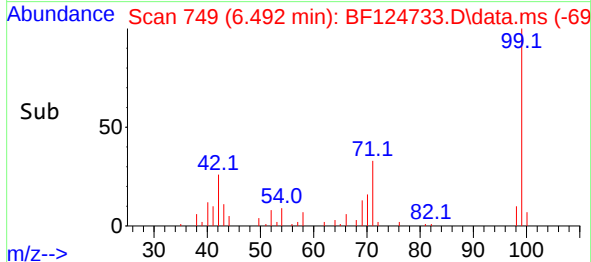
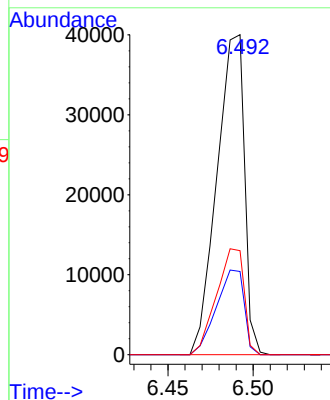
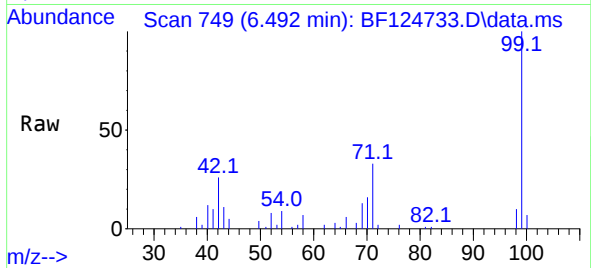


#7
Phenol-d6
Concen: 88.996 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Instrument :
BNA_F
ClientSampleId :
20210541-COM-14

Tgt Ion: 99 Resp: 45039

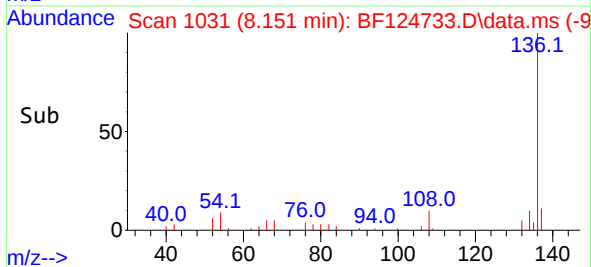
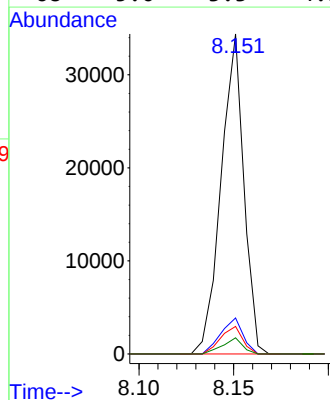
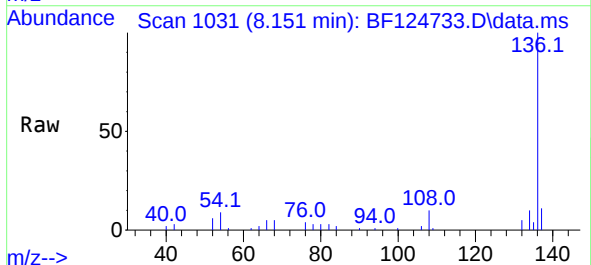
Ion	Ratio	Lower	Upper
99	100		
42	26.0	23.5	35.3
71	32.5	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion: 136 Resp: 28708

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	8.6	6.4	9.6
68	5.0	3.3	4.9





#23

Nitrobenzene-d5

Concen: 57.625 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124733.D

Acq: 24 Jul 2021 2:14

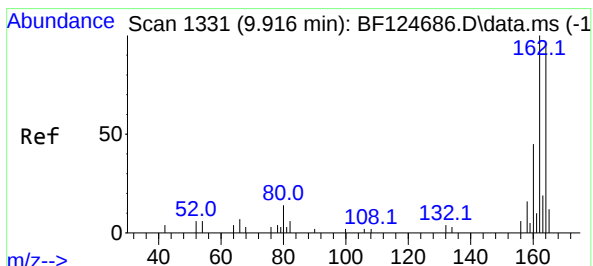
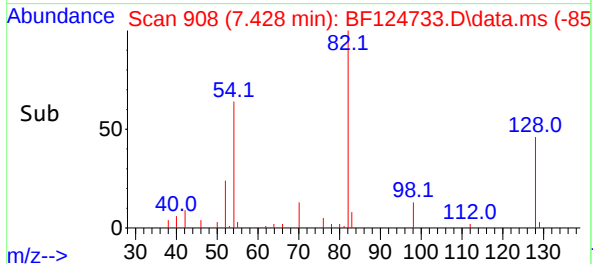
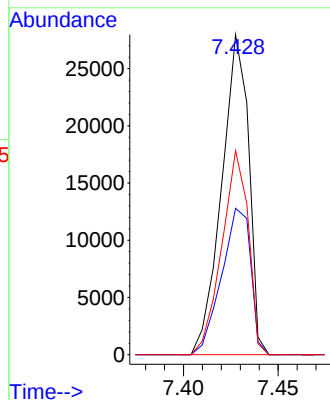
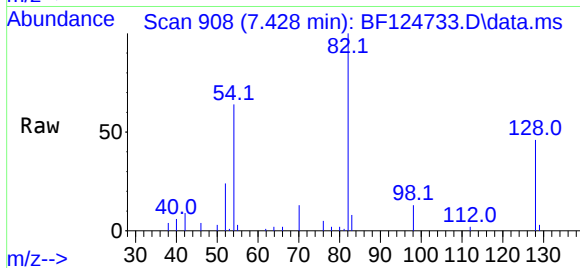
Tgt Ion: 82 Resp: 27795

Ion Ratio Lower Upper

82 100

128 45.8 40.6 60.8

54 63.8 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF124733.D

Acq: 24 Jul 2021 2:14

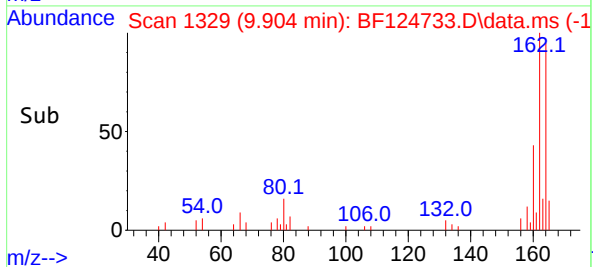
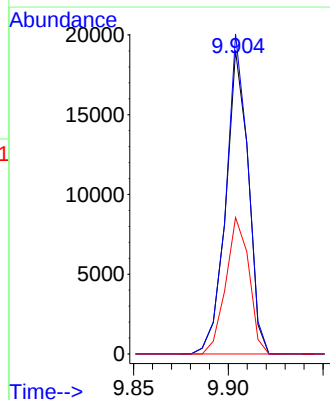
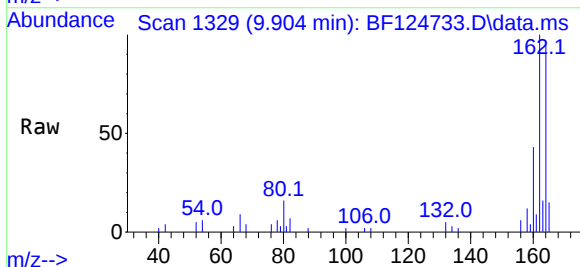
Tgt Ion:164 Resp: 15716

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

160 45.0 38.0 57.0

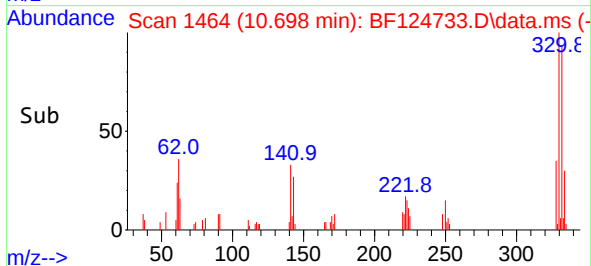
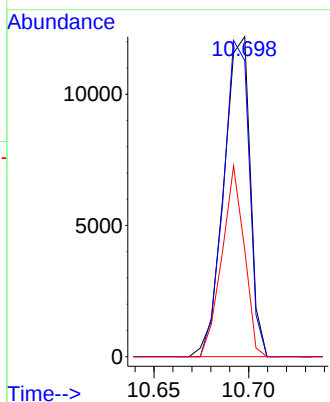
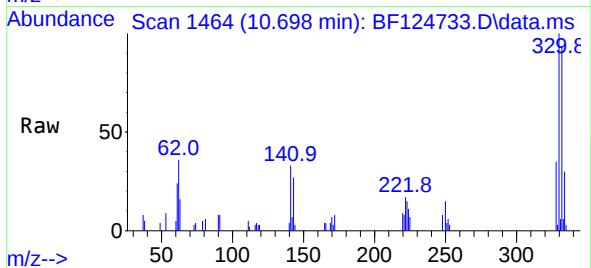




#42
2,4,6-Tribromophenol
Concen: 87.100 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

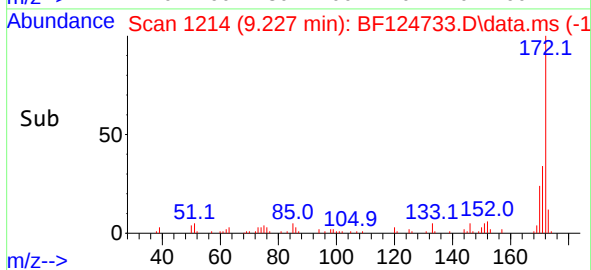
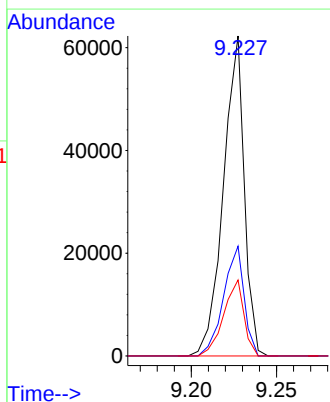
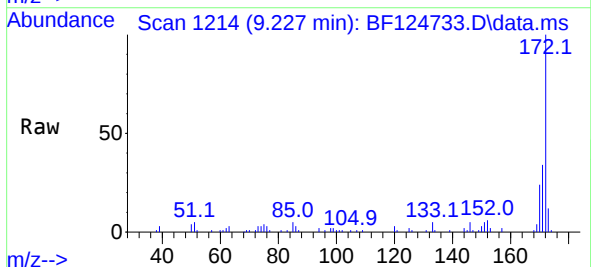
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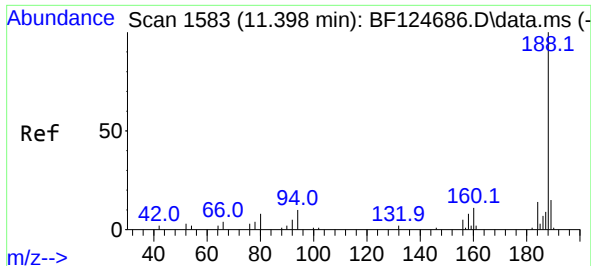
Tgt Ion: 330 Resp: 11753
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 50.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 49.569 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion: 172 Resp: 53040
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.7 18.8 28.2

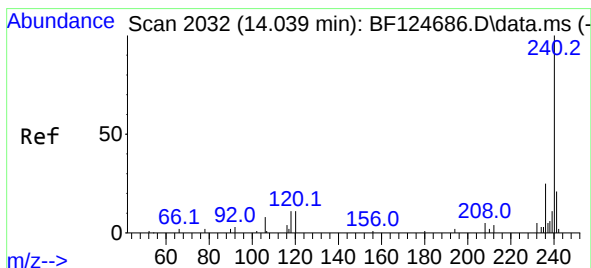
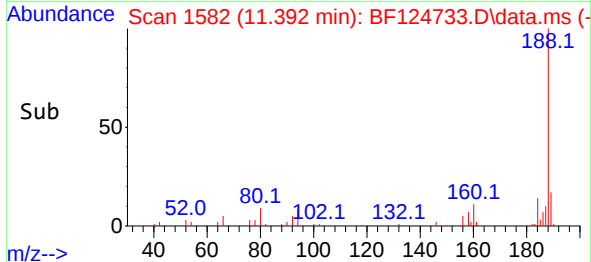
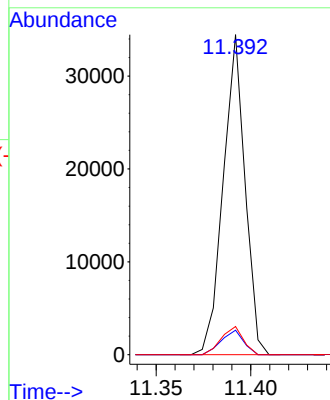
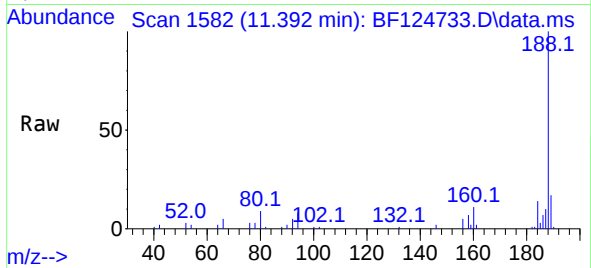




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

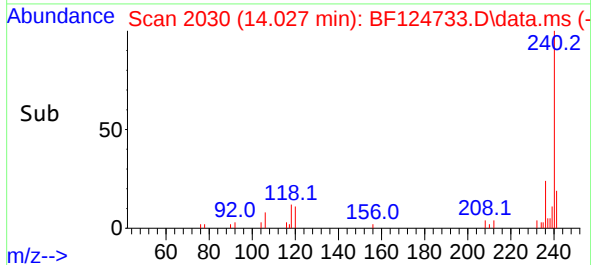
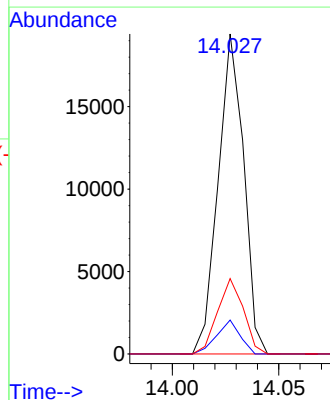
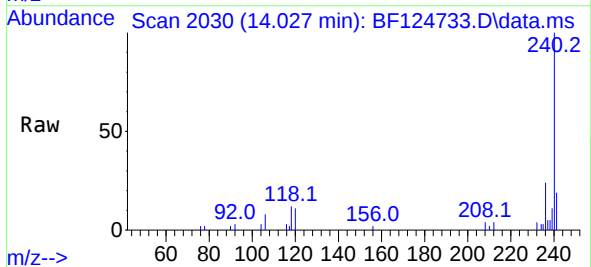
Instrument :
BNA_F
ClientSampleId :
20210541-COM-14

Tgt Ion:188 Resp: 27579
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion:240 Resp: 16176
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 23.6 21.6 32.4

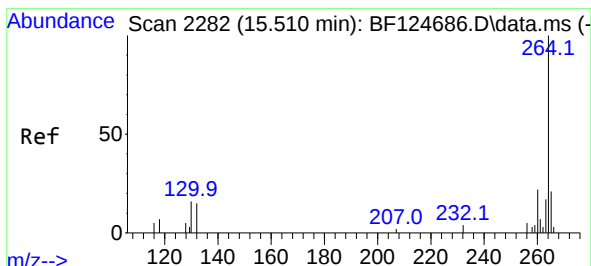
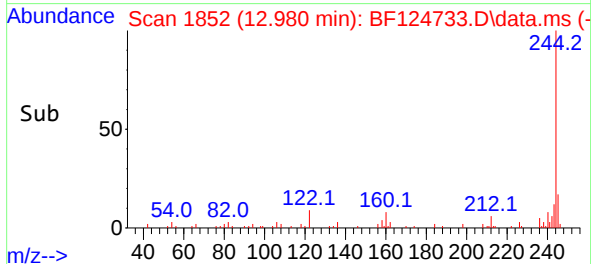
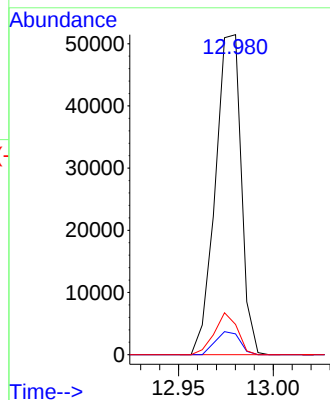
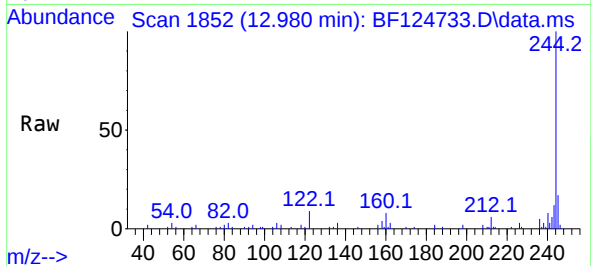




#79
Terphenyl-d14
Concen: 51.714 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Instrument :
BNA_F
ClientSampleId :
20210541-COM-14

Tgt Ion:244 Resp: 48801
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 9.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion:264 Resp: 12683
Ion Ratio Lower Upper
264 100
260 21.8 19.6 29.4
265 22.4 17.2 25.8

