

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124821.D
 Acq On : 28 Jul 2021 11:27
 Operator : JU/CG
 Sample : M3184-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210530-COM-3

Quant Time: Jul 28 11:51:55 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	6427	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	25112	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14897	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	30149	20.000	ng	0.00
76) Chrysene-d12	14.033	240	23497	20.000	ng	0.00
86) Perylene-d12	15.509	264	16911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	41904	110.394	ng	0.00
7) Phenol-d6	6.498	99	49567	104.161	ng	0.00
23) Nitrobenzene-d5	7.433	82	33460	79.303	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	16642	130.112	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	65246	64.328	ng	0.00
79) Terphenyl-d14	12.986	244	91792	66.964	ng	0.00

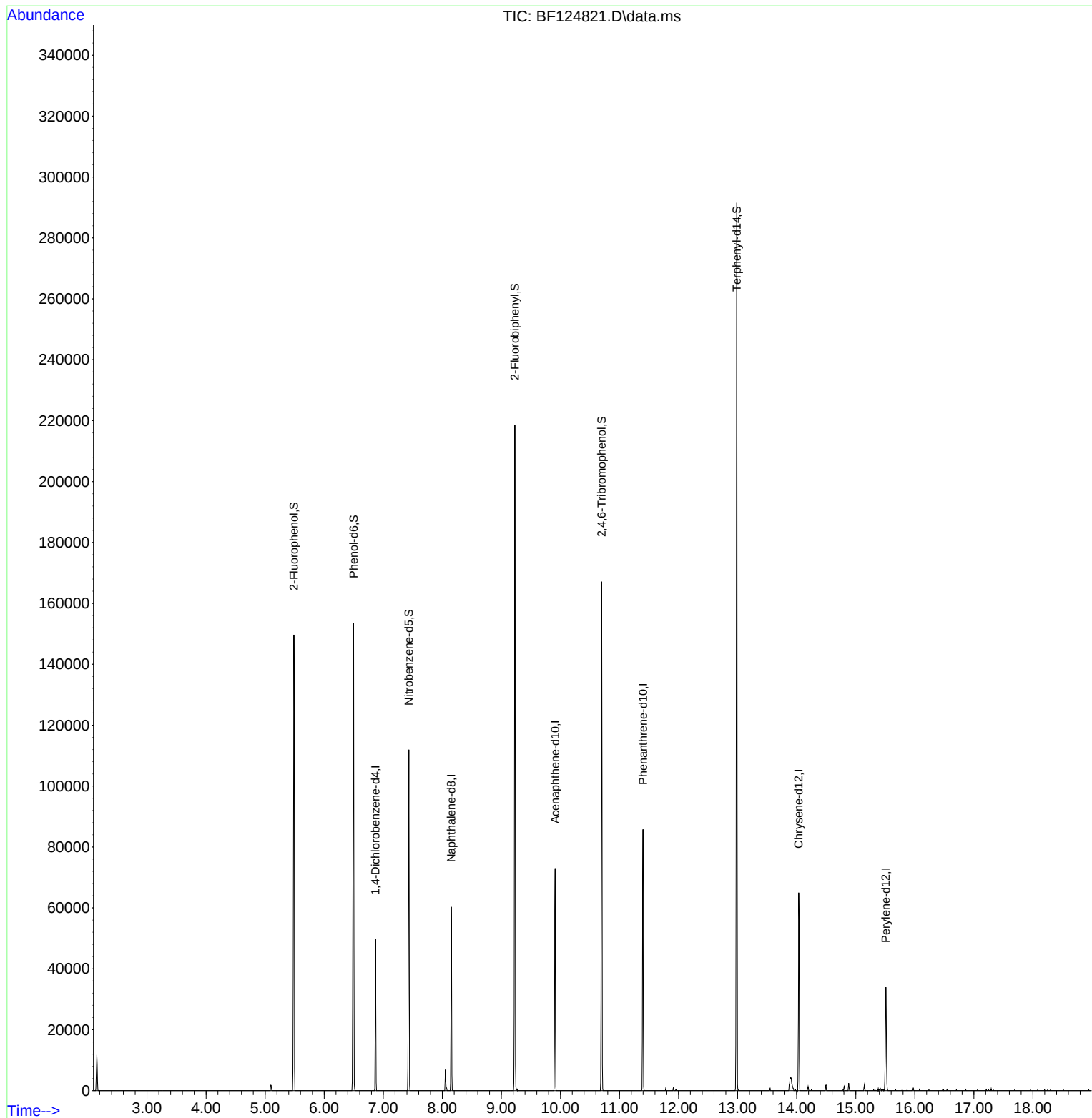
Target Compounds	Qvalue

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

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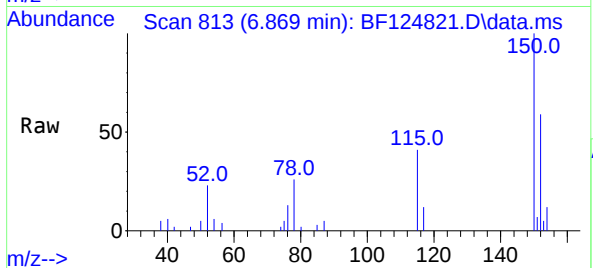
Quant Time: Jul 28 11:51:55 2021
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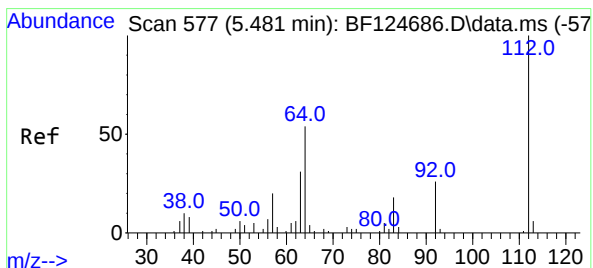
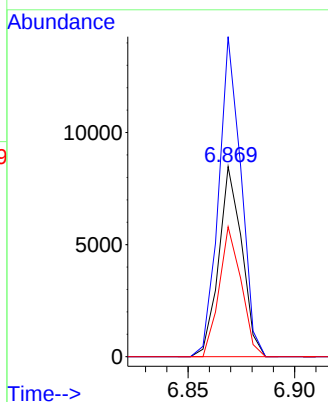
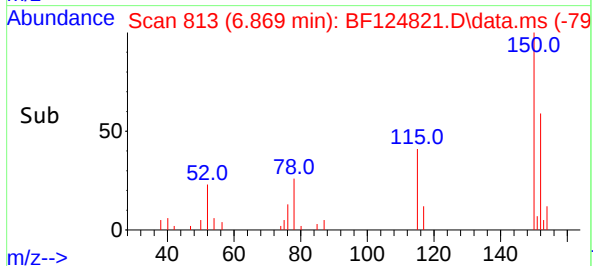


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

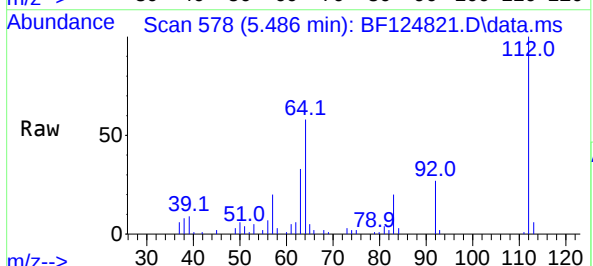
Instrument :
BNA_F
ClientSampleId :
20210530-COM-3



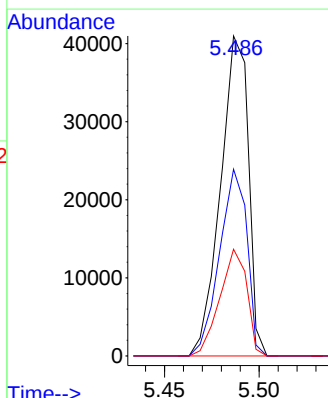
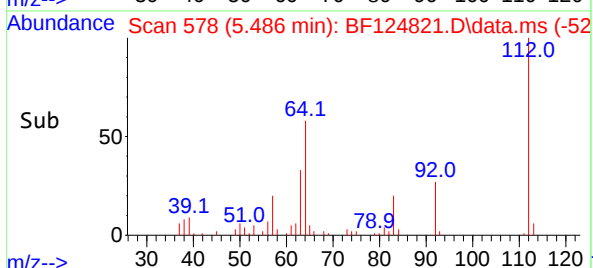
Tgt Ion:152 Resp: 6427
Ion Ratio Lower Upper
152 100
150 168.3 117.6 176.4
115 68.3 47.1 70.7

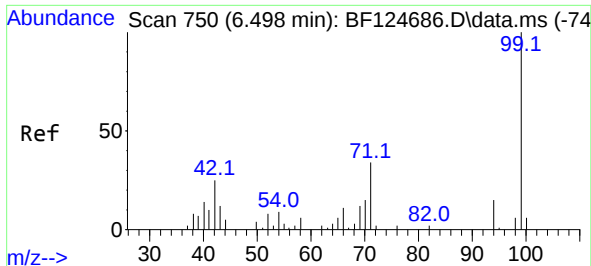


#5
2-Fluorophenol
Concen: 110.394 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27



Tgt Ion:112 Resp: 41904
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 33.3 26.2 39.2



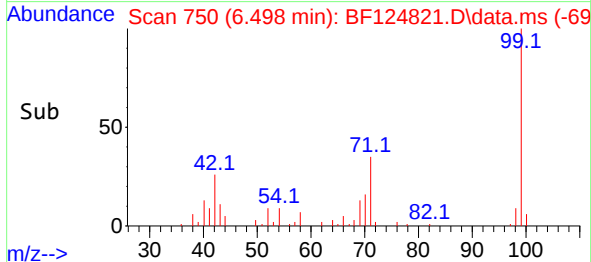
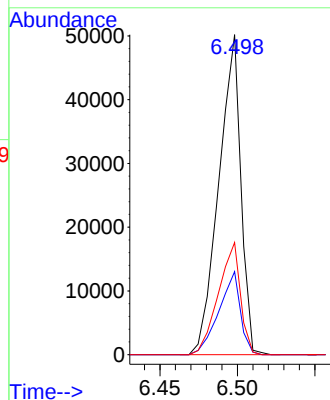
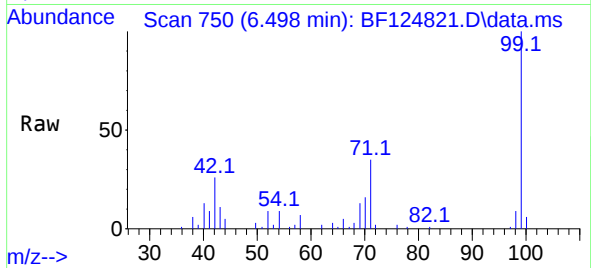


#7
Phenol-d6
Concen: 104.161 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Instrument :
BNA_F
ClientSampleId :
20210530-COM-3

Tgt Ion: 99 Resp: 49567

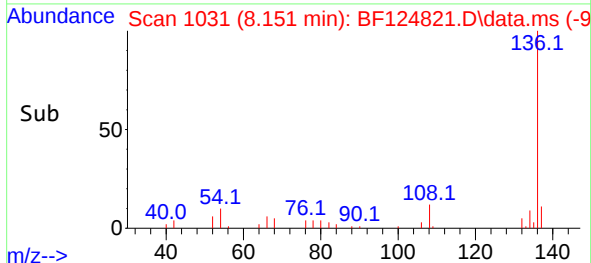
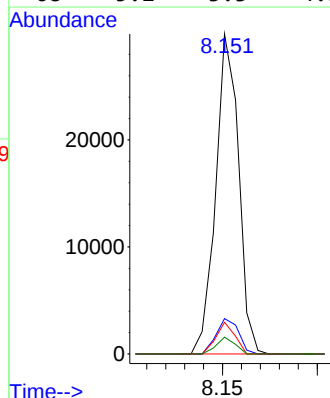
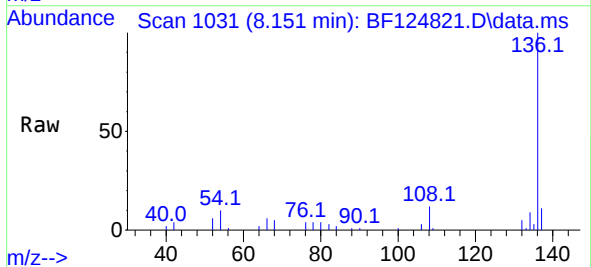
Ion	Ratio	Lower	Upper
99	100		
42	26.0	23.5	35.3
71	35.0	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion: 136 Resp: 25112

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.9	6.4	9.6#
68	5.2	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 79.303 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124821.D

Acq: 28 Jul 2021 11:27

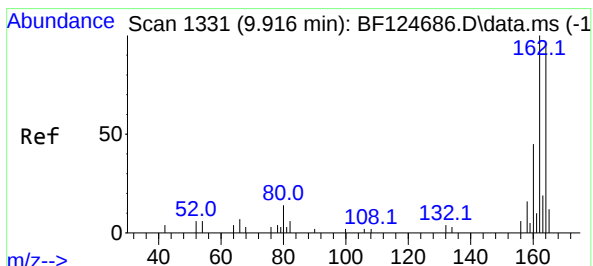
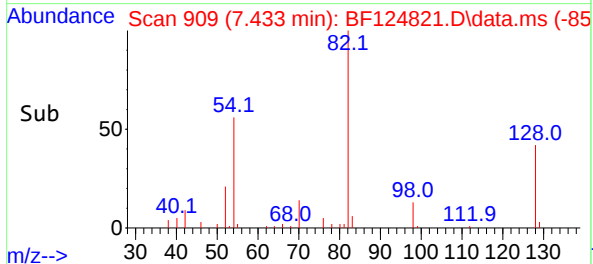
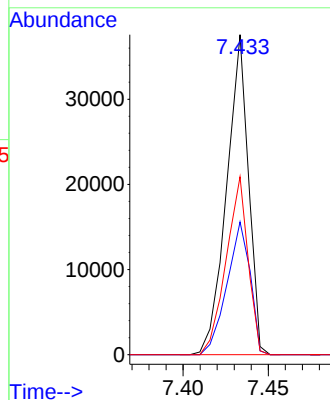
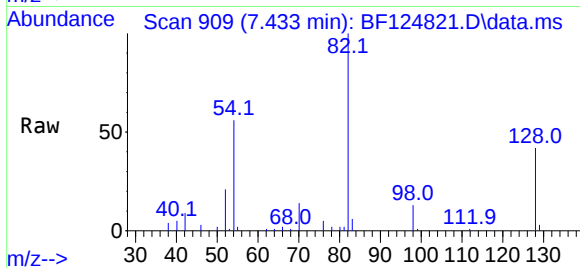
Tgt Ion: 82 Resp: 33460

Ion Ratio Lower Upper

82 100

128 41.5 40.6 60.8

54 55.6 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124821.D

Acq: 28 Jul 2021 11:27

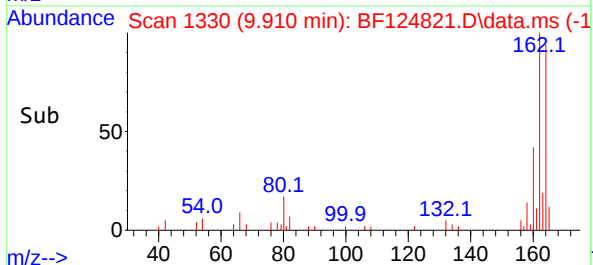
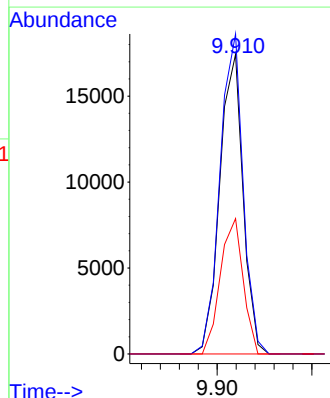
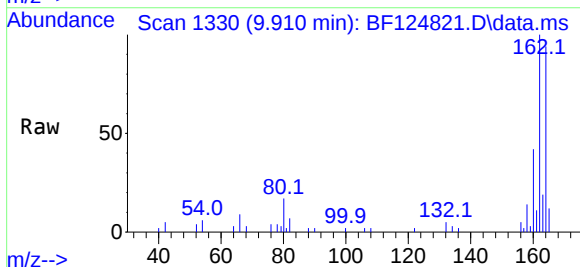
Tgt Ion: 164 Resp: 14897

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

160 45.2 38.0 57.0

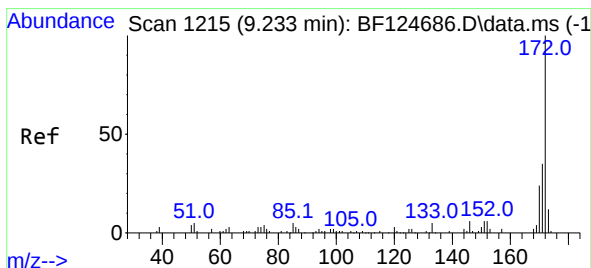
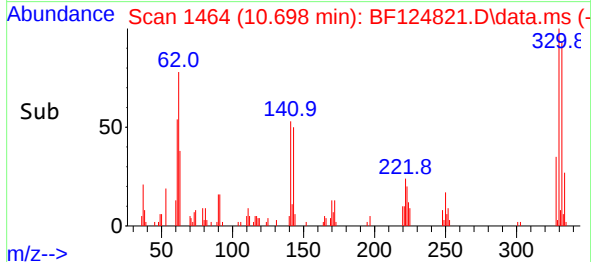
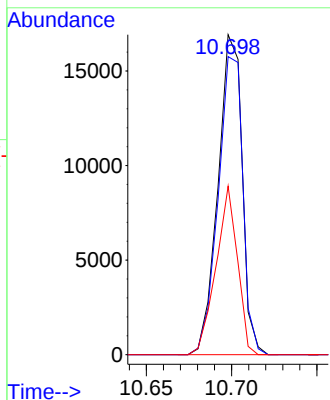
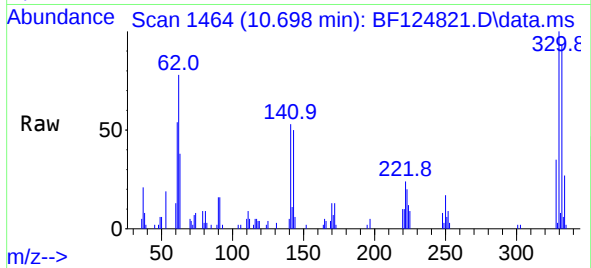




#42
2,4,6-Tribromophenol
Concen: 130.112 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

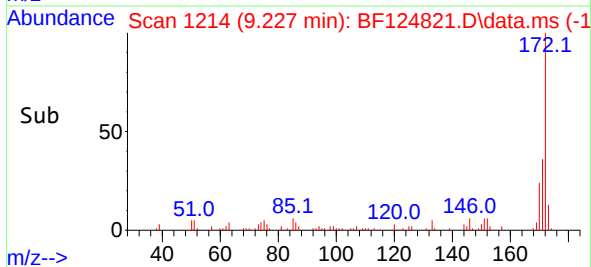
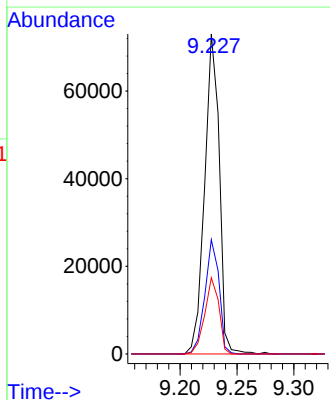
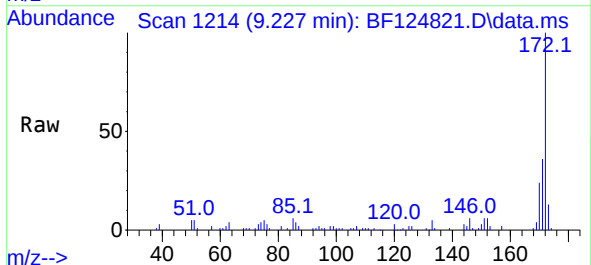
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Tgt Ion: 330 Resp: 16642
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 46.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 64.328 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion: 172 Resp: 65246
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.8 18.8 28.2

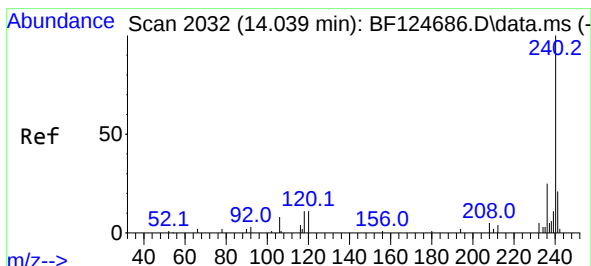
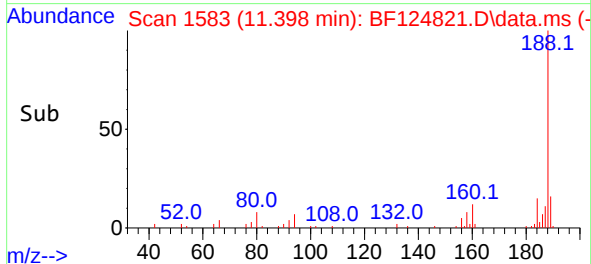
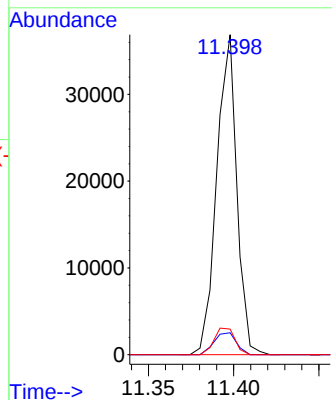
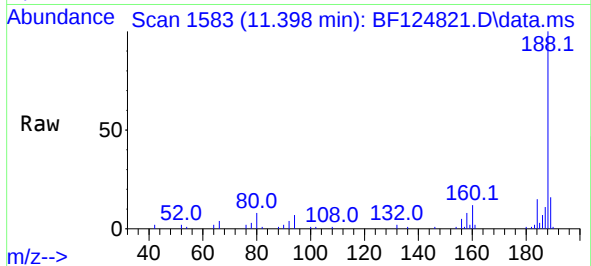




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

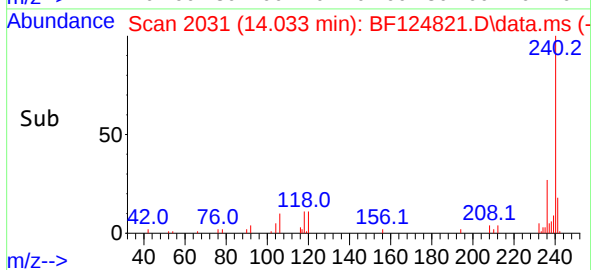
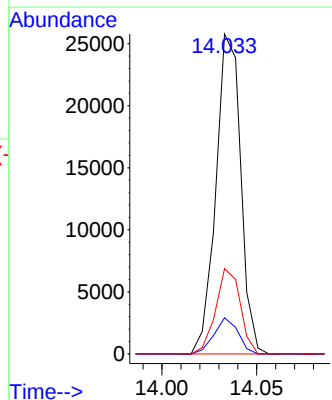
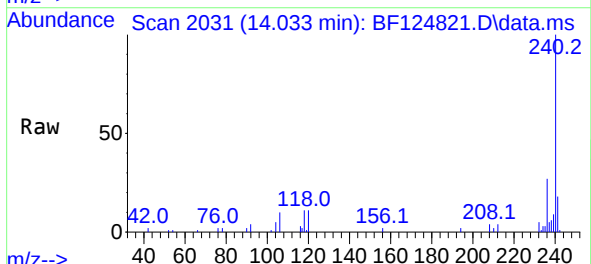
Instrument :
BNA_F
ClientSampleId :
20210530-COM-3

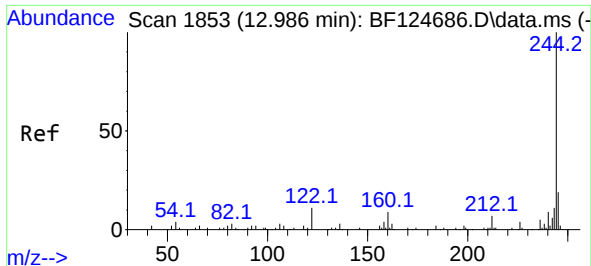
Tgt Ion:188 Resp: 30149
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion:240 Resp: 23497
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.6 21.6 32.4

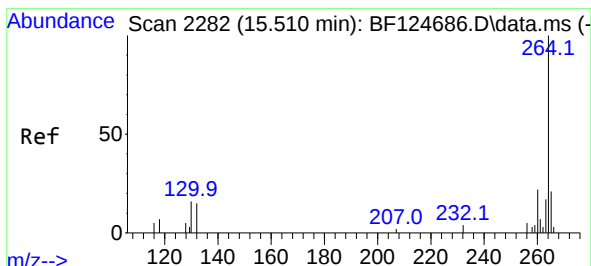
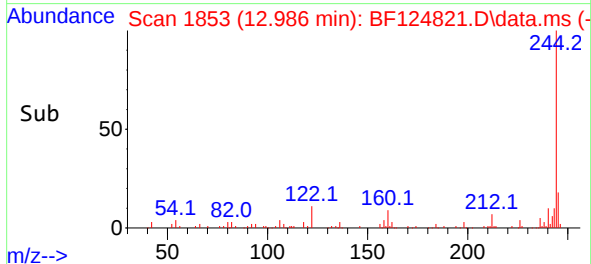
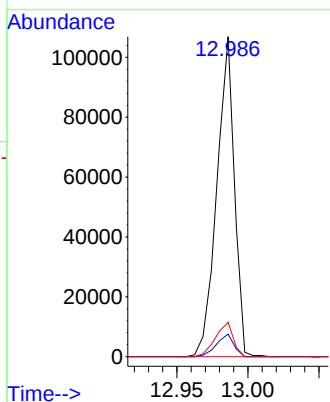
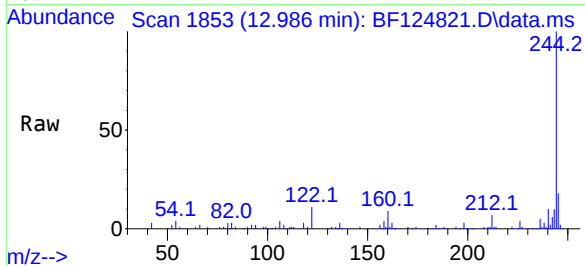




#79
Terphenyl-d14
Concen: 66.964 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Instrument :
BNA_F
ClientSampleId :
20210530-COM-3

Tgt Ion:	244	Resp:	91792
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.7	9.0	13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion:	264	Resp:	16911
Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.6	29.4
265	23.6	17.2	25.8

