

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124832.D
 Acq On : 28 Jul 2021 17:41
 Operator : JU/CG
 Sample : M3159-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210556-COM-29

Quant Time: Jul 28 18:50:50 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	5302	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	20028	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11986	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	23739	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	17804	20.000	ng	0.00
86) Perylene-d12	15.509	264	14363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	28137	89.854	ng	0.00
7) Phenol-d6	6.492	99	34996	89.145	ng	0.00
23) Nitrobenzene-d5	7.433	82	23088	68.611	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	10927	106.179	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	43975	53.886	ng	0.00
79) Terphenyl-d14	12.980	244	52737	50.775	ng	0.00

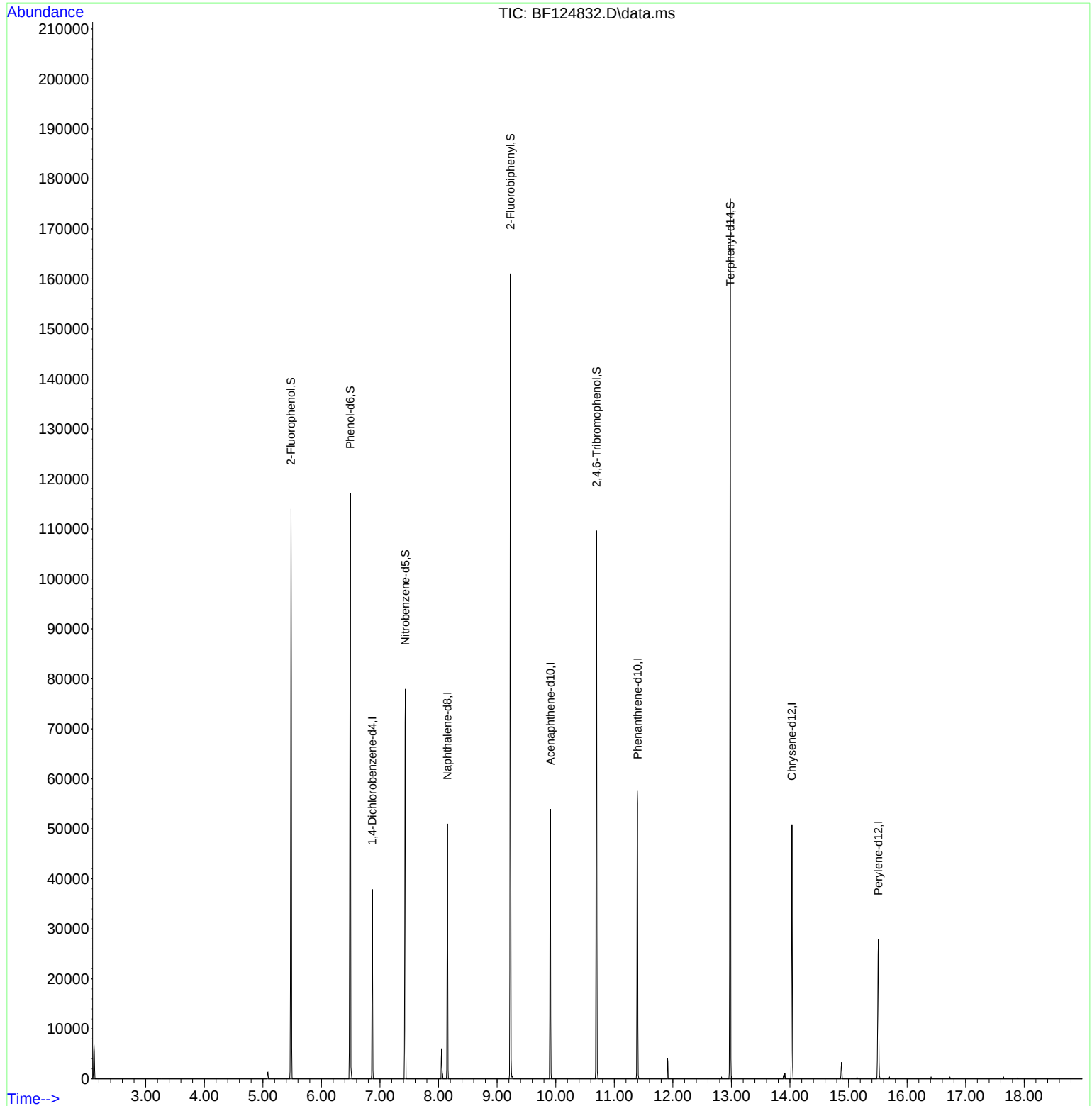
Target Compounds	Qvalue

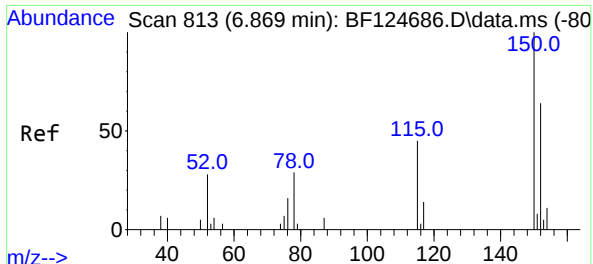
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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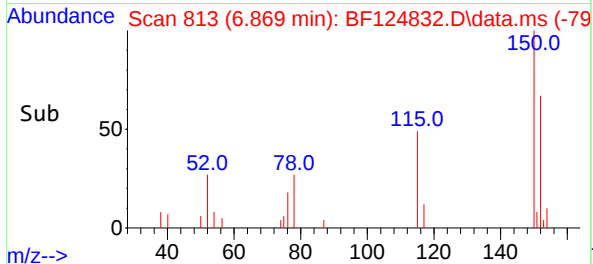
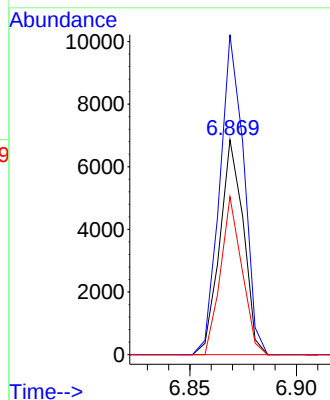
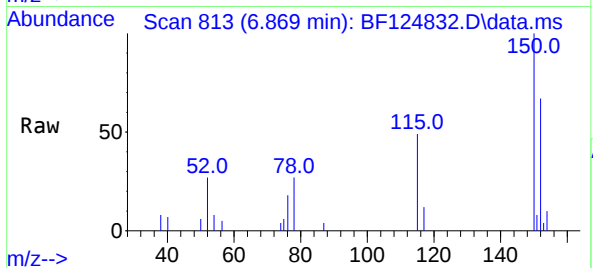




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

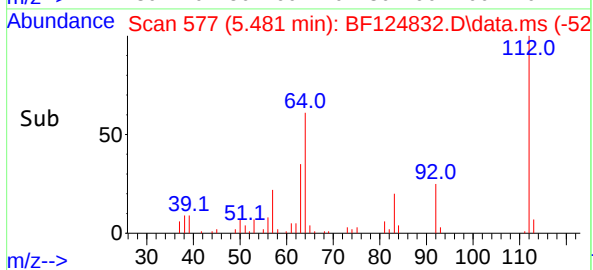
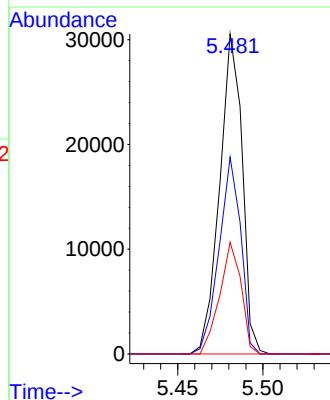
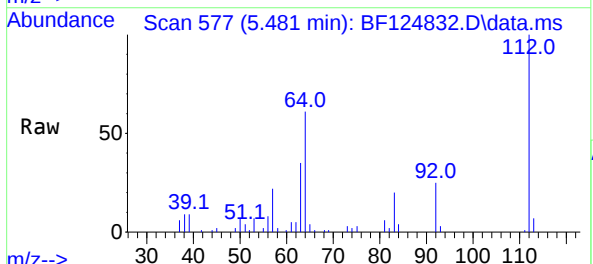
Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

Tgt Ion:152 Resp: 5302
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 73.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 89.854 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:112 Resp: 28137
Ion Ratio Lower Upper
112 100
64 61.5 44.2 66.2
63 34.9 26.2 39.2



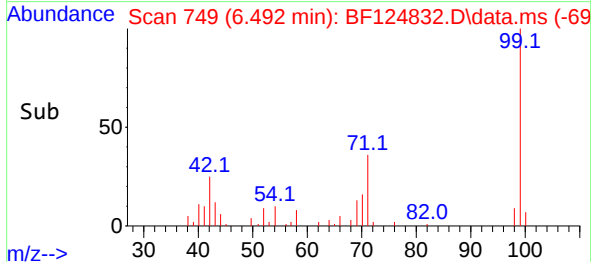
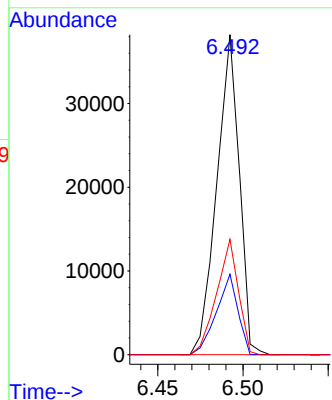
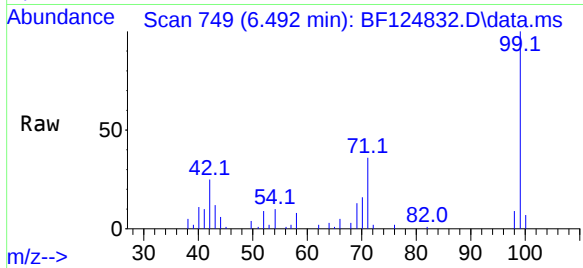


#7
Phenol-d6
Concen: 89.145 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

Tgt Ion: 99 Resp: 34996

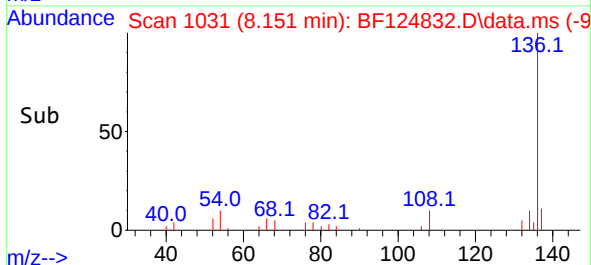
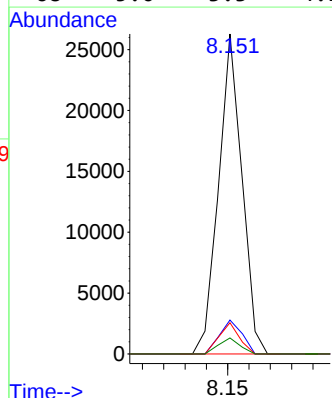
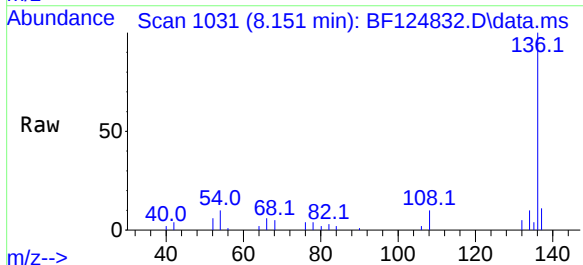
Ion	Ratio	Lower	Upper
99	100		
42	25.2	23.5	35.3
71	36.0	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion: 136 Resp: 20028

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.8	6.4	9.6#
68	5.0	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 68.611 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124832.D

Acq: 28 Jul 2021 17:41

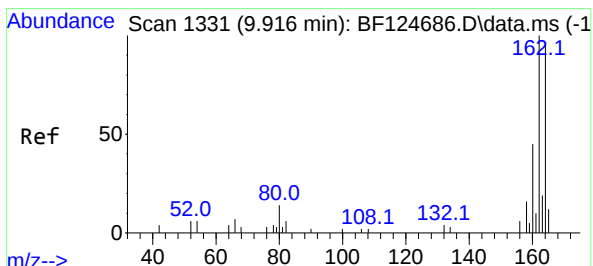
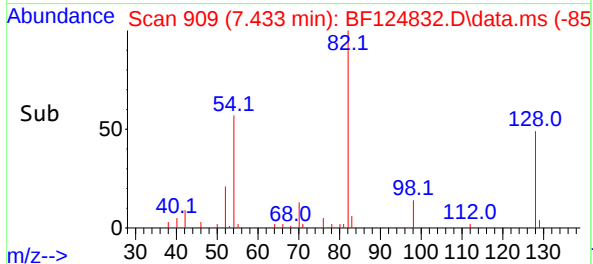
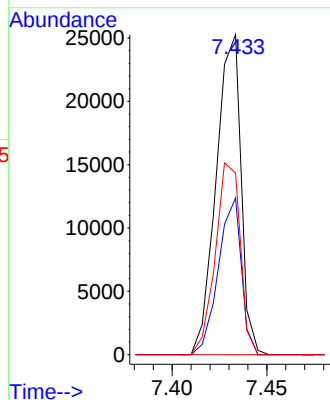
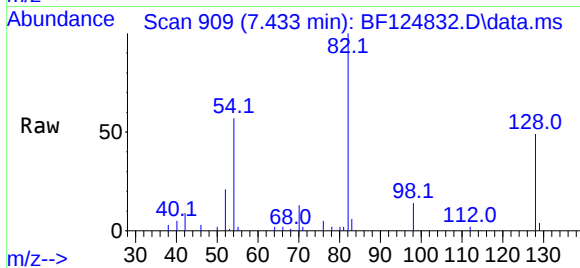
Instrument :

BNA_F

ClientSampleId :

20210556-COM-29

Tgt Ion:	82	Resp:	23088
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	60.8
54	56.8	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

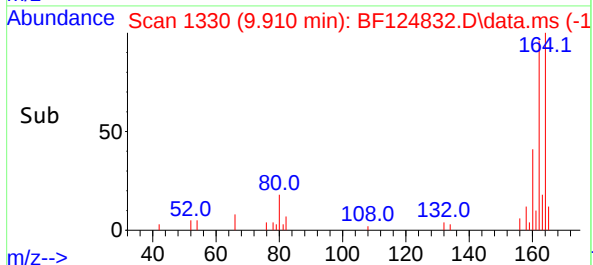
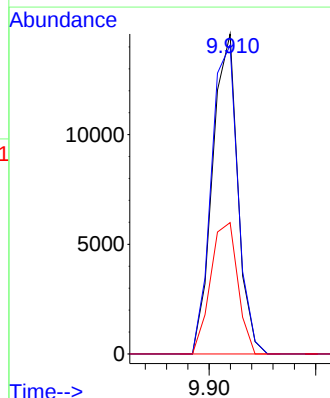
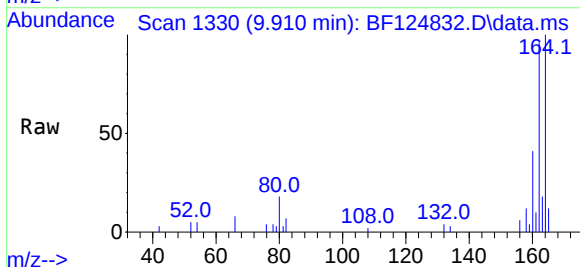
RT: 9.910 min Scan# 1330

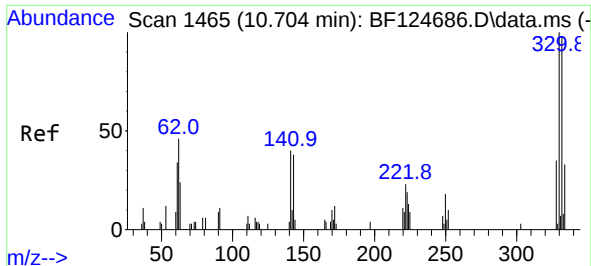
Delta R.T. -0.006 min

Lab File: BF124832.D

Acq: 28 Jul 2021 17:41

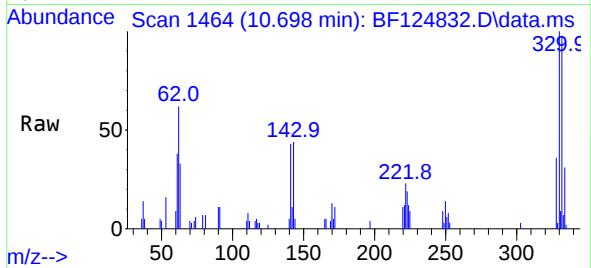
Tgt Ion:	164	Resp:	11986
Ion	Ratio	Lower	Upper
164	100		
162	96.5	81.3	121.9
160	41.0	38.0	57.0



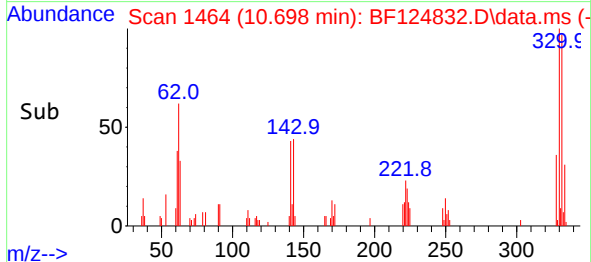
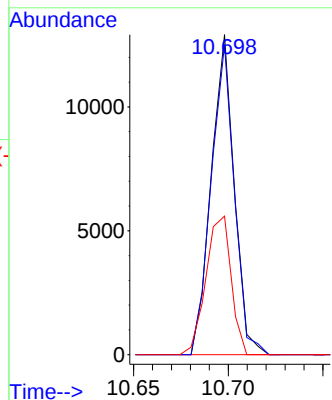


#42
2,4,6-Tribromophenol
Concen: 106.179 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

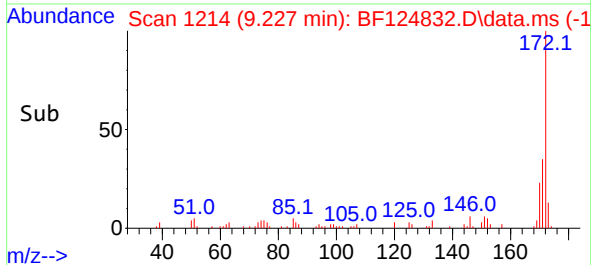
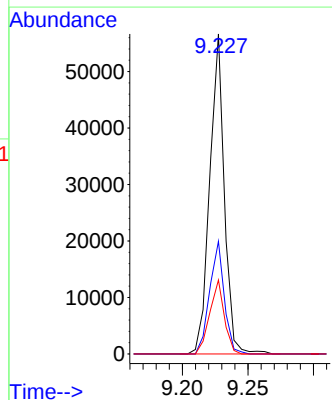
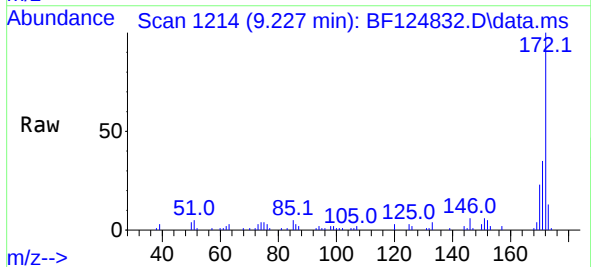


Tgt Ion:330 Resp: 10927
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 47.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 53.886 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:172 Resp: 43975
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.1 18.8 28.2

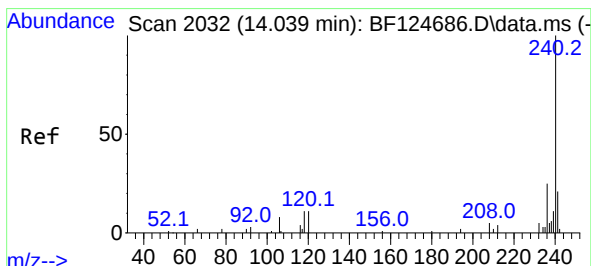
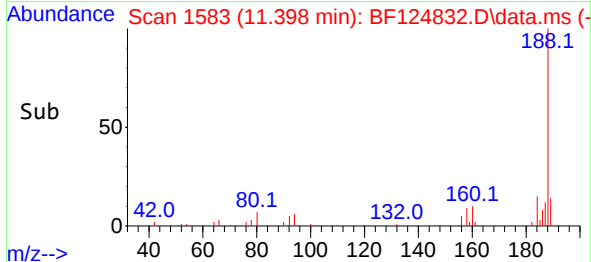
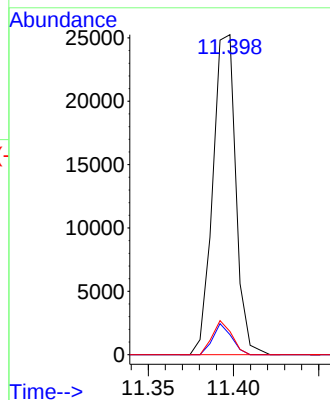
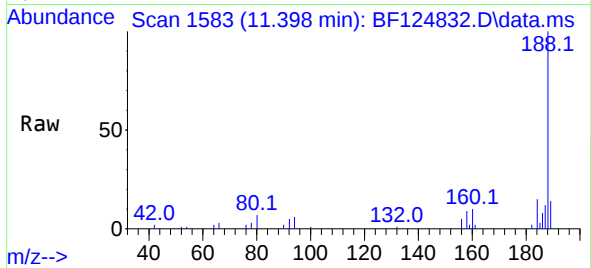




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

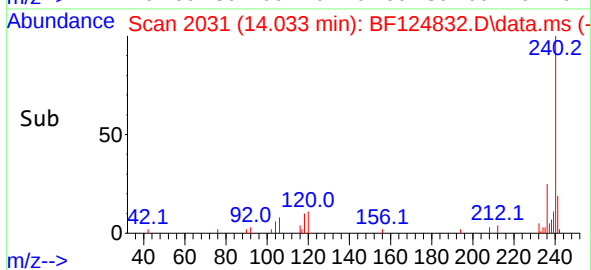
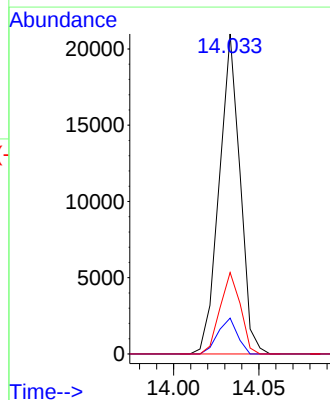
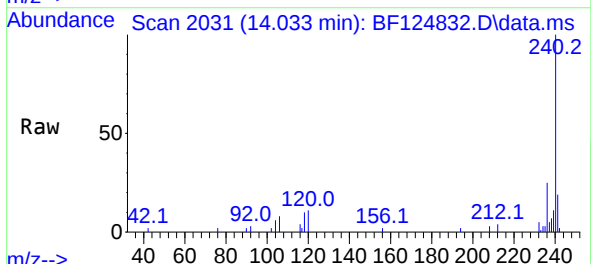
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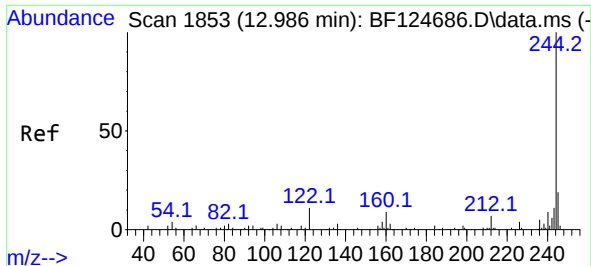
Tgt Ion:188 Resp: 23739
Ion Ratio Lower Upper
188 100
94 6.3 6.7 10.1#
80 7.3 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:240 Resp: 17804
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.5 21.6 32.4

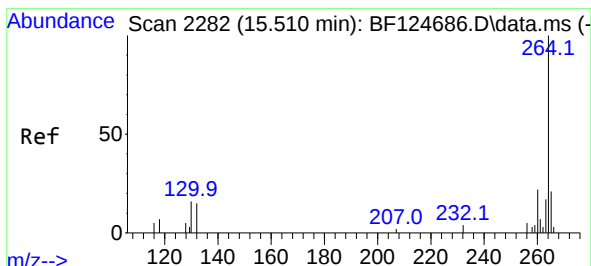
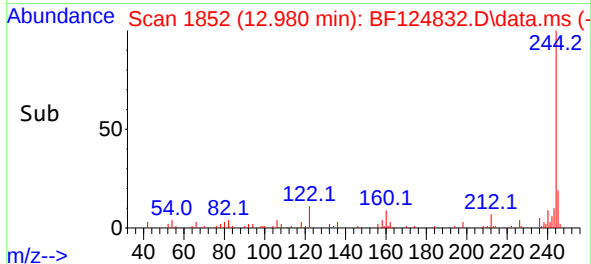
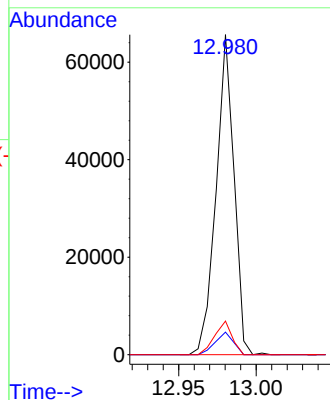
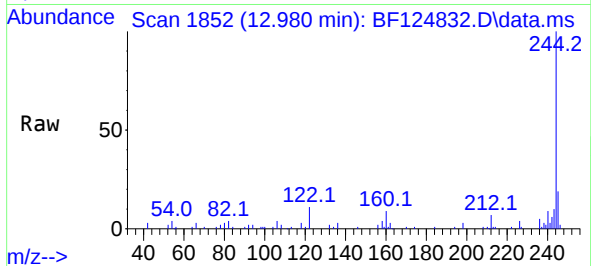




#79
Terphenyl-d14
Concen: 50.775 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

Tgt Ion:244	Resp:	52737
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	10.5	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: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:264	Resp:	14363
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.6 29.4
265	22.2	17.2 25.8

