

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124854.D
 Acq On : 29 Jul 2021 16:41
 Operator : JU/CG
 Sample : M3176-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B7-TP-(9.5-12)

Quant Time: Jul 29 18:24:09 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	21320	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13044	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	25712	20.000	ng	0.00
76) Chrysene-d12	14.039	240	21503	20.000	ng	0.00
86) Perylene-d12	15.515	264	15994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	41605	132.863	ng	0.02
7) Phenol-d6	6.498	99	45072	114.812	ng	0.00
23) Nitrobenzene-d5	7.433	82	39296	109.700	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	18875	168.534	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	81218	91.451	ng	0.00
79) Terphenyl-d14	12.992	244	122630	97.757	ng	0.00

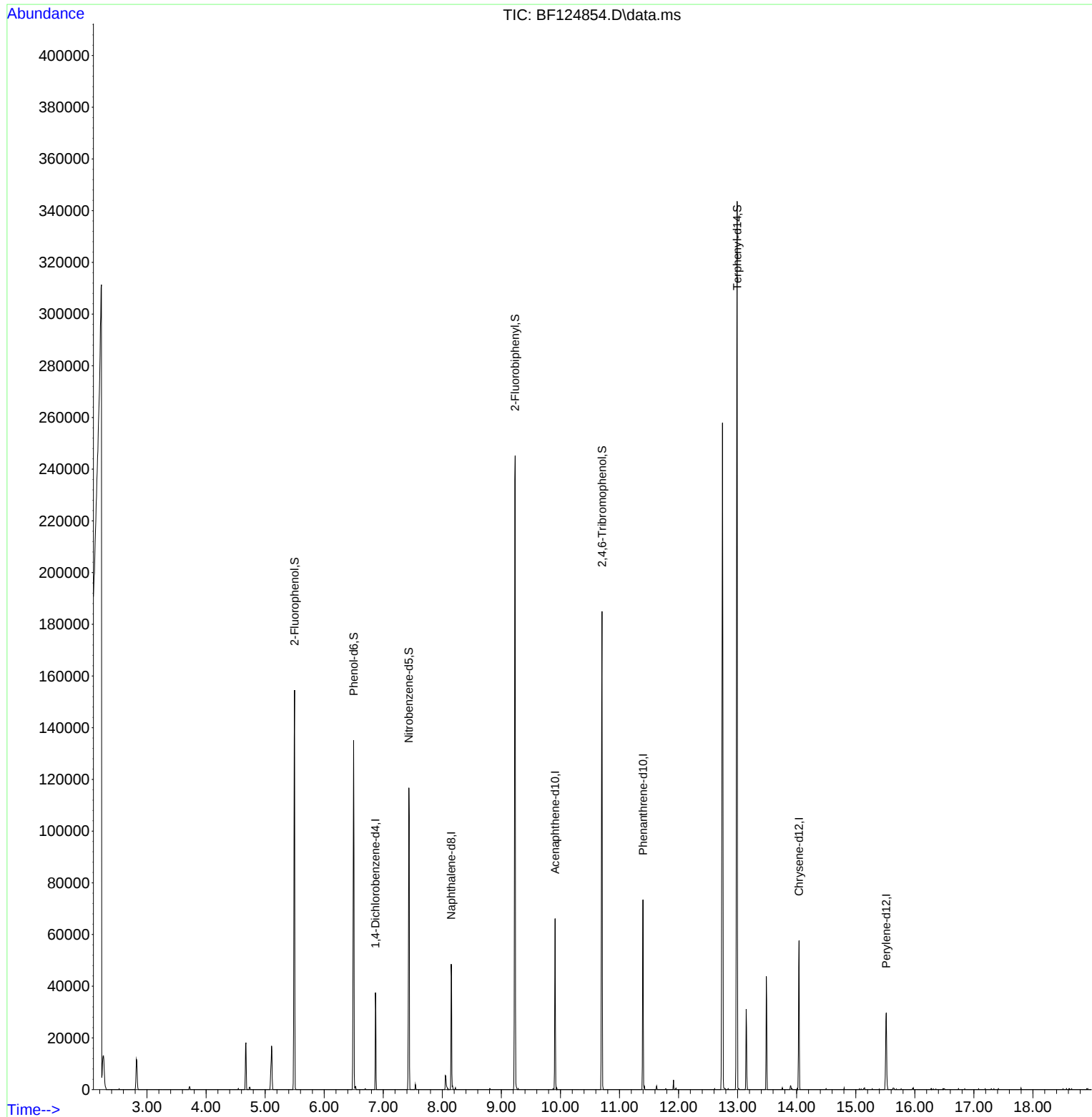
Target Compounds	Qvalue

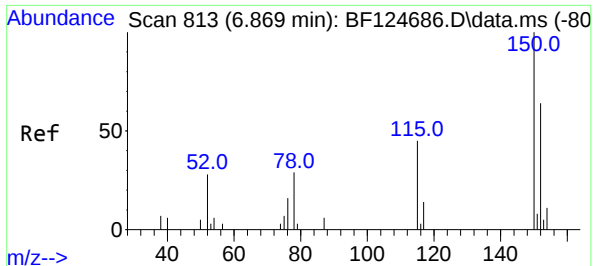
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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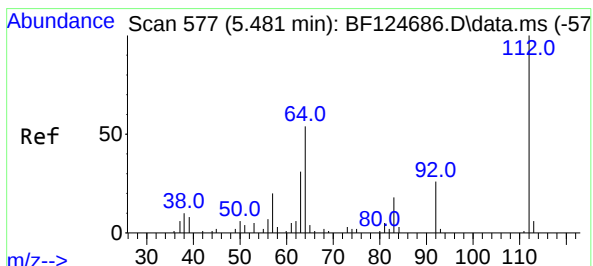
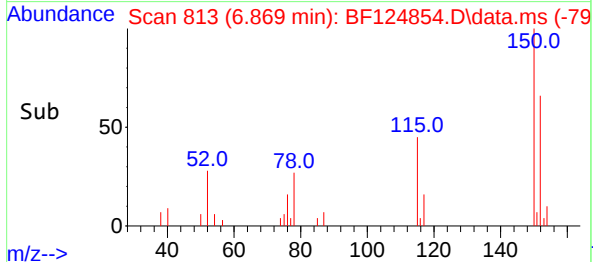
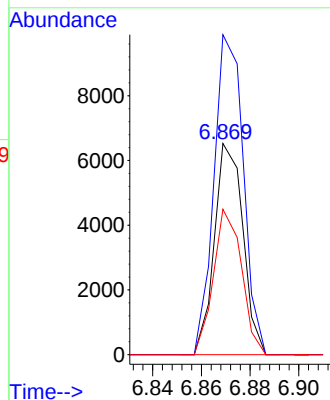
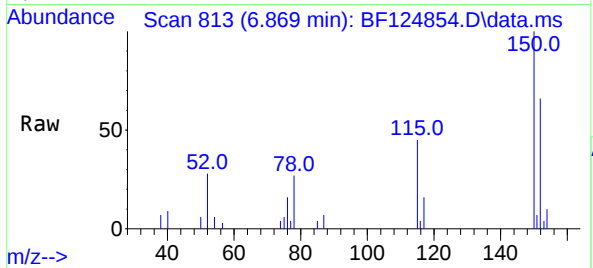




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

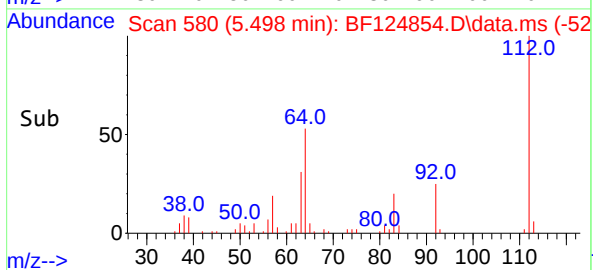
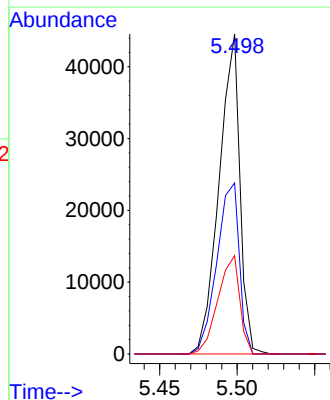
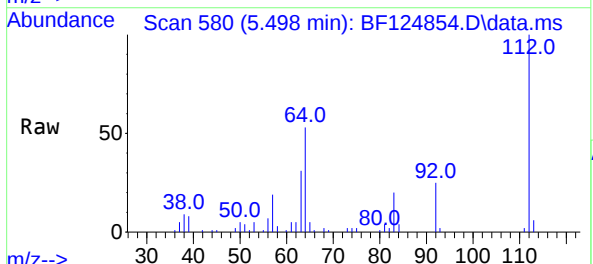
Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)

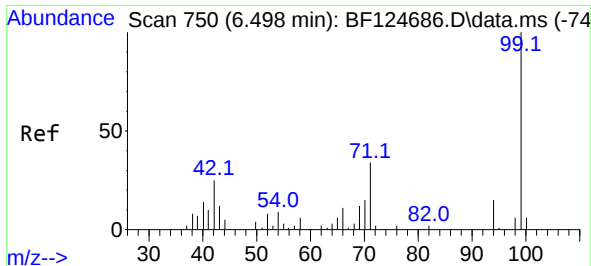
Tgt Ion:152 Resp: 5302
Ion Ratio Lower Upper
152 100
150 151.5 117.6 176.4
115 68.9 47.1 70.7



#5
2-Fluorophenol
Concen: 132.863 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

Tgt Ion:112 Resp: 41605
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 30.7 26.2 39.2



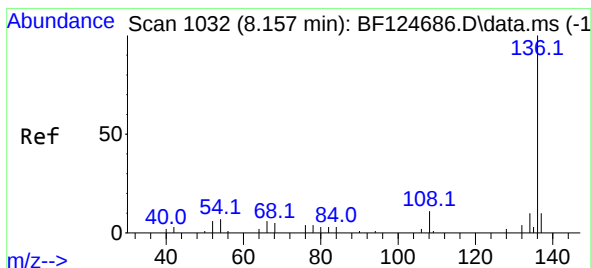
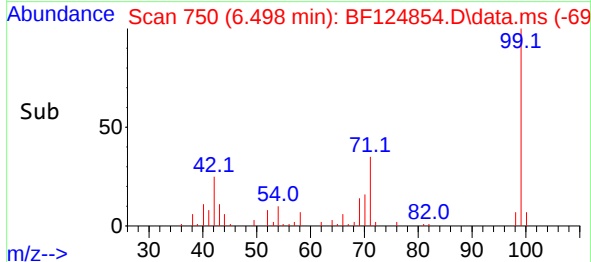
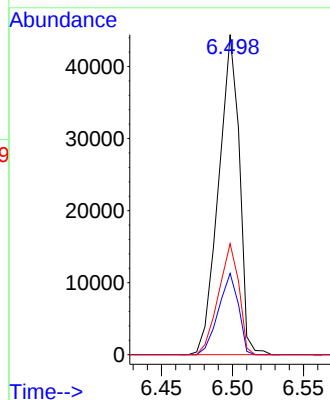
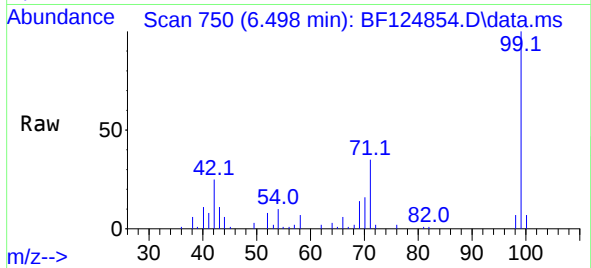


#7
Phenol-d6
Concen: 114.812 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)

Tgt Ion: 99 Resp: 45072

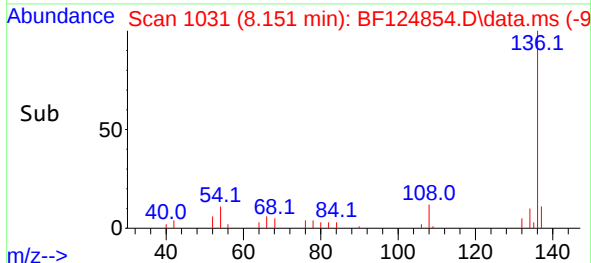
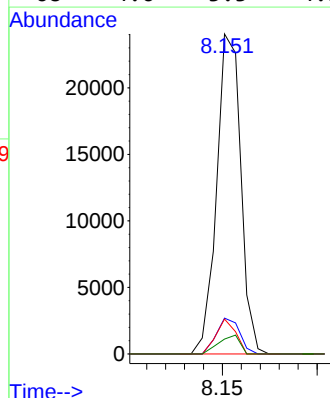
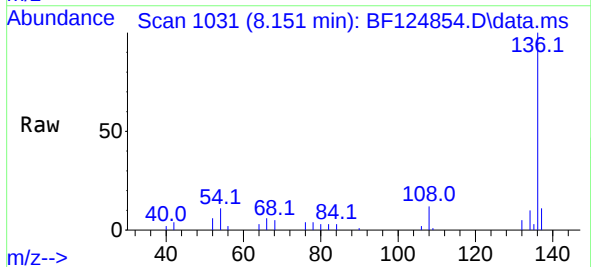
Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	34.7	25.6	38.4

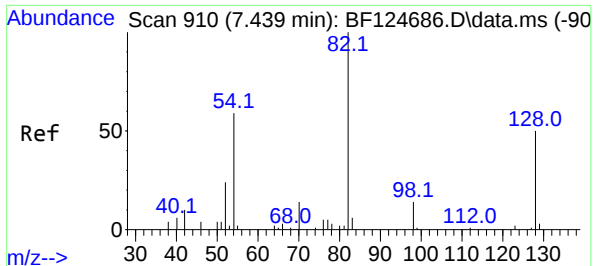


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

Tgt Ion: 136 Resp: 21320

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	10.9	6.4	9.6#
68	4.6	3.3	4.9





#23

Nitrobenzene-d5

Concen: 109.700 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124854.D

Acq: 29 Jul 2021 16:41

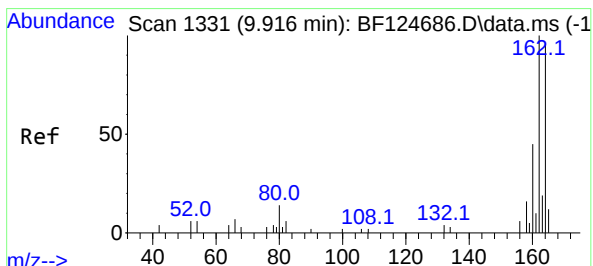
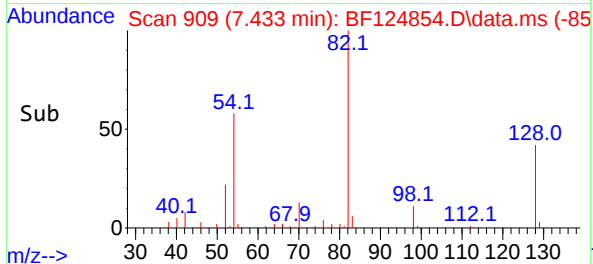
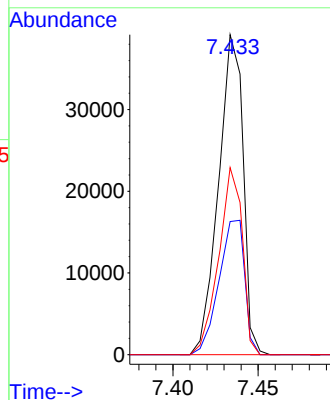
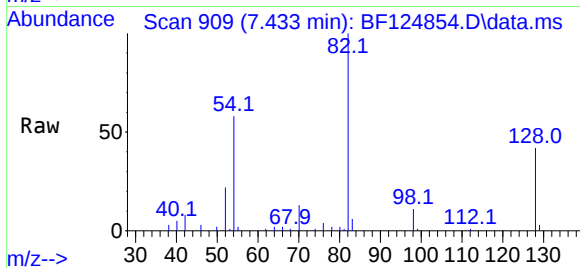
Tgt Ion:	82	Resp:	39296
Ion	Ratio	Lower	Upper
82	100		
128	41.6	40.6	60.8
54	58.5	49.6	74.4

Instrument :

BNA_F

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#39

Acenaphthene-d10

Concen: 20.000 ng

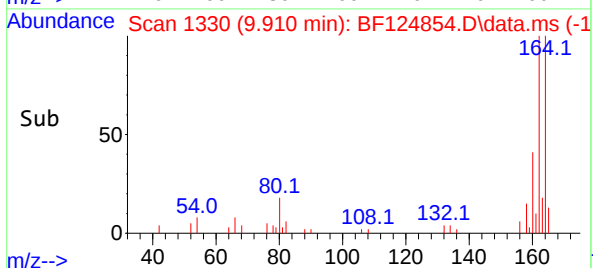
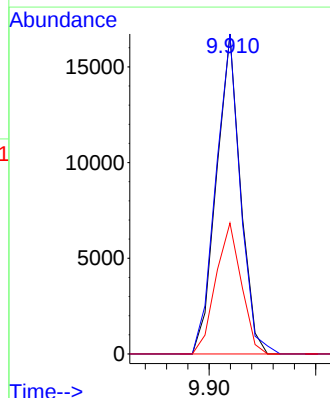
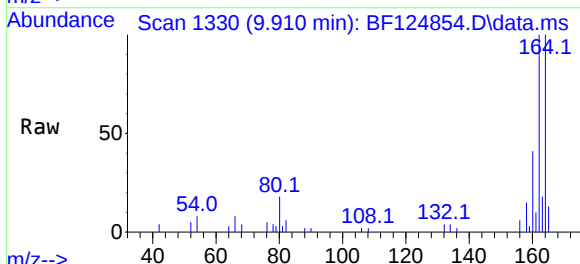
RT: 9.910 min Scan# 1330

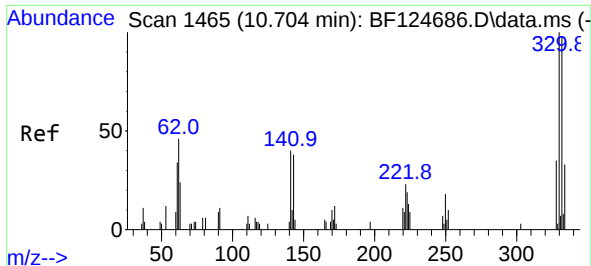
Delta R.T. -0.006 min

Lab File: BF124854.D

Acq: 29 Jul 2021 16:41

Tgt Ion:	164	Resp:	13044
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	40.9	38.0	57.0

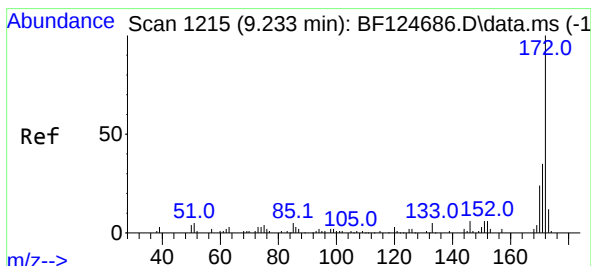
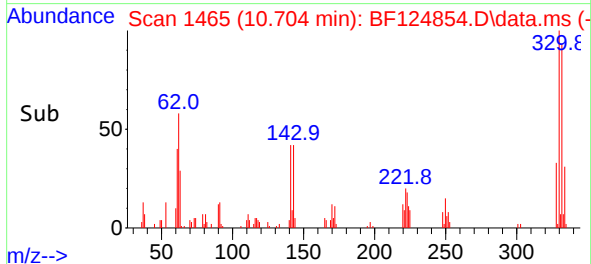
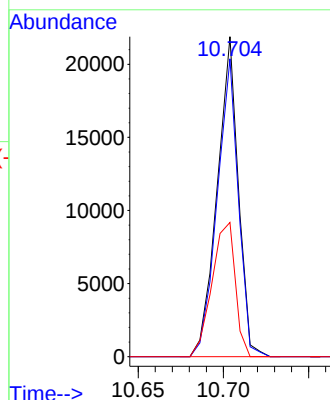
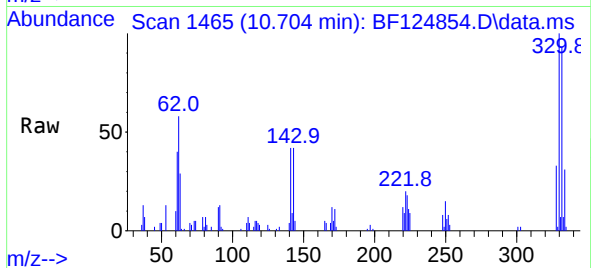




#42
2,4,6-Tribromophenol
Concen: 168.534 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

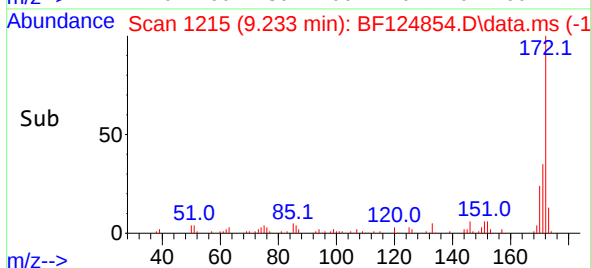
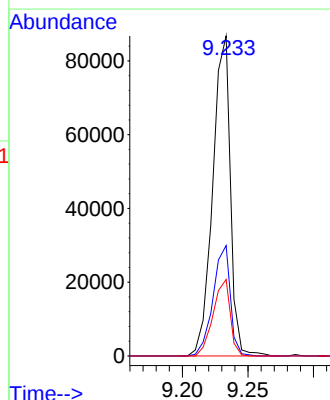
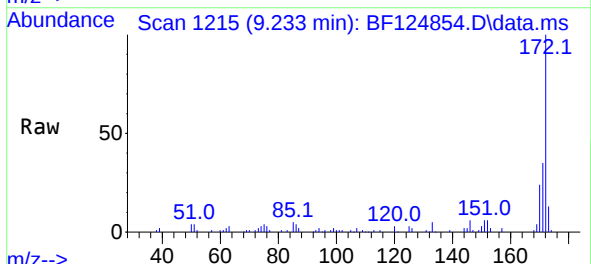
Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)

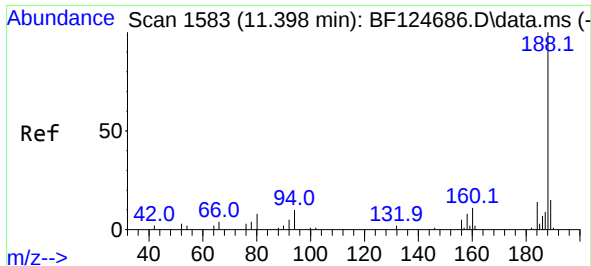
Tgt Ion: 330 Resp: 18875
Ion Ratio Lower Upper
330 100
332 93.0 76.2 114.4
141 46.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 91.451 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

Tgt Ion: 172 Resp: 81218
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.9 18.8 28.2

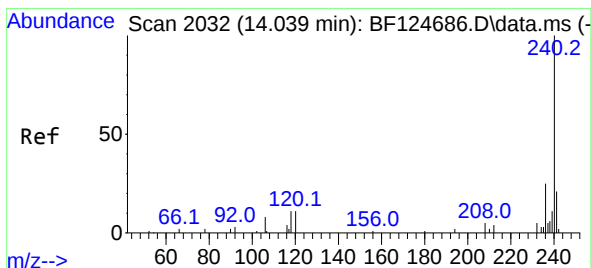
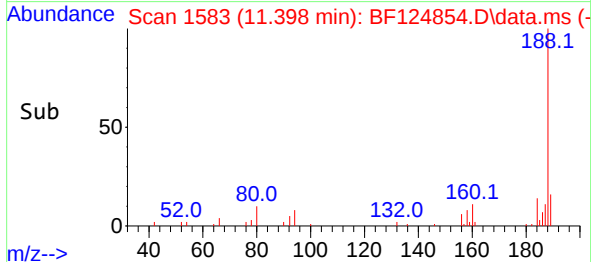
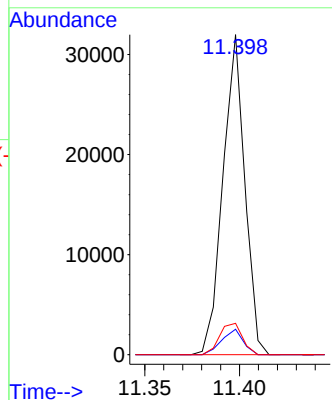
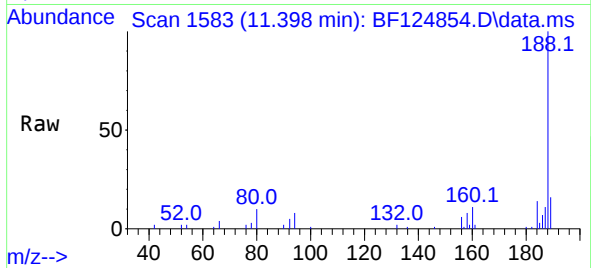




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

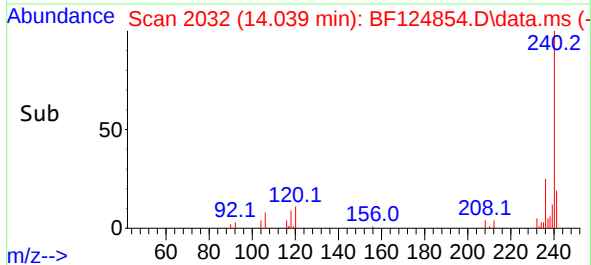
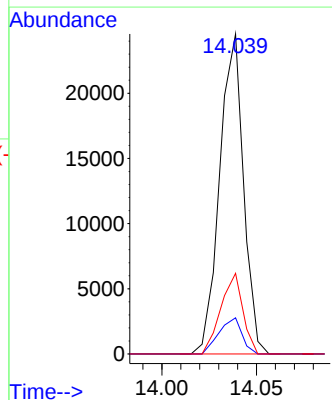
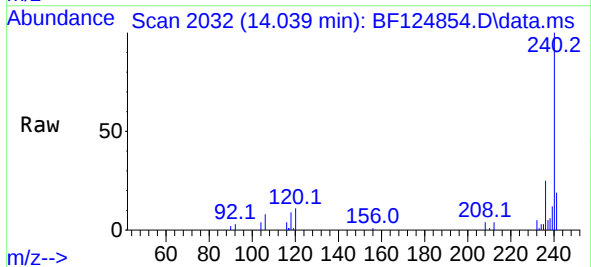
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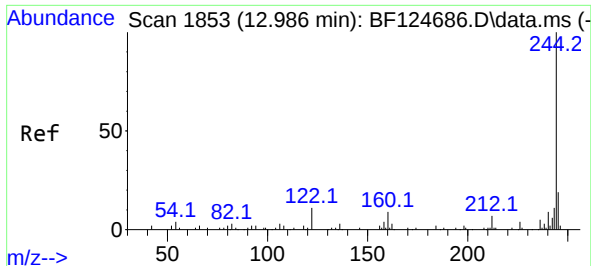
Tgt Ion:188 Resp: 25712
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

Tgt Ion:240 Resp: 21503
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 25.2 21.6 32.4

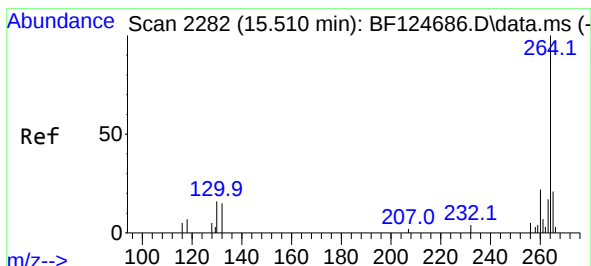
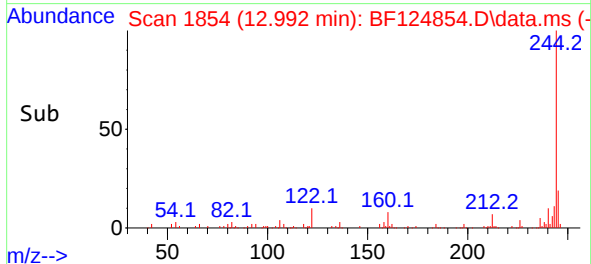
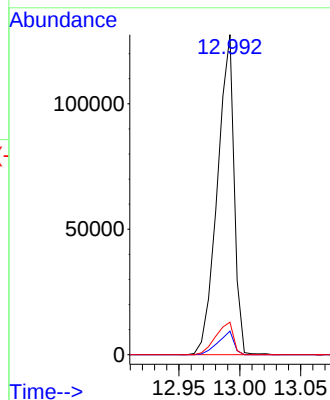
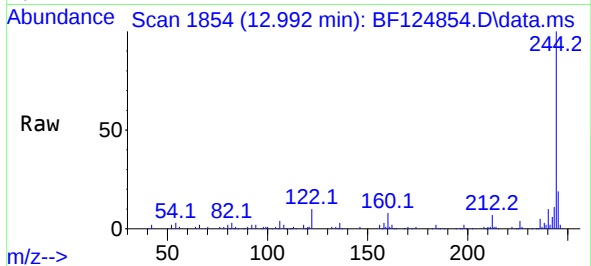




#79
Terphenyl-d14
Concen: 97.757 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

Instrument :
BNA_F
ClientSampleId :
18-B7-TP-(9.5-12)

Tgt Ion:244 Resp: 122630
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124854.D
Acq: 29 Jul 2021 16:41

Tgt Ion:264 Resp: 15994
Ion Ratio Lower Upper
264 100
260 21.4 19.6 29.4
265 19.8 17.2 25.8

