

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124728.D
 Acq On : 23 Jul 2021 23:31
 Operator : JU/CG
 Sample : M3138-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16085

Quant Time: Jul 24 00:12:57 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	6838	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	27154	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	14891	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	27330	20.000	ng	0.00
76) Chrysene-d12	14.027	240	17002	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12686	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	62160	153.915	ng	0.01
7) Phenol-d6	6.498	99	73459	145.090	ng	0.00
23) Nitrobenzene-d5	7.434	82	46033	100.898	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	20164	157.712	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	93439	92.162	ng	0.00
79) Terphenyl-d14	12.980	244	97211	98.008	ng	0.00

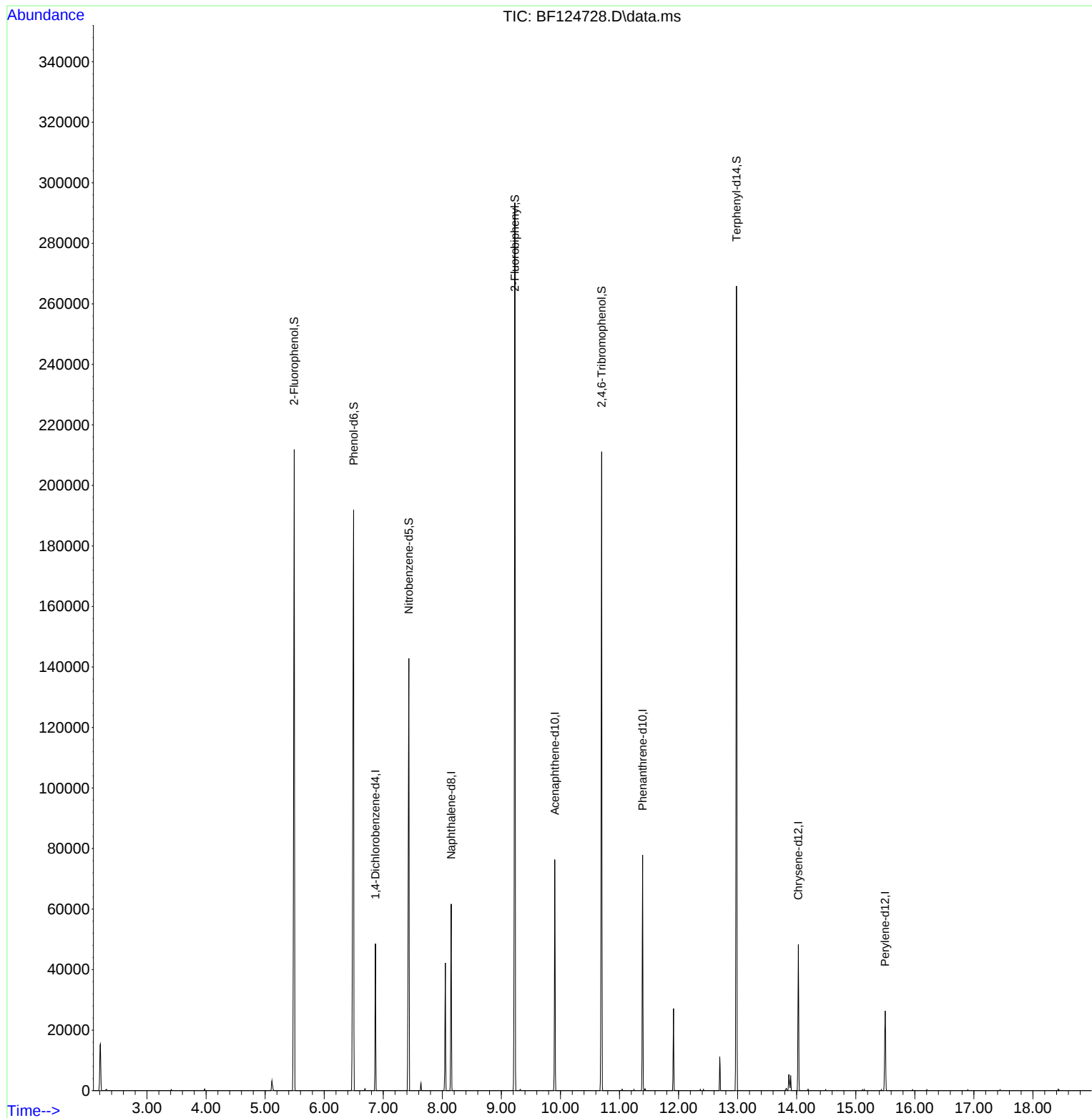
Target Compounds	Qvalue

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

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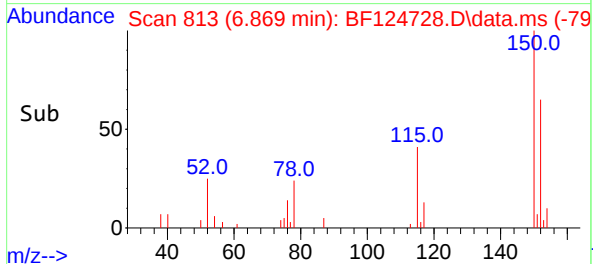
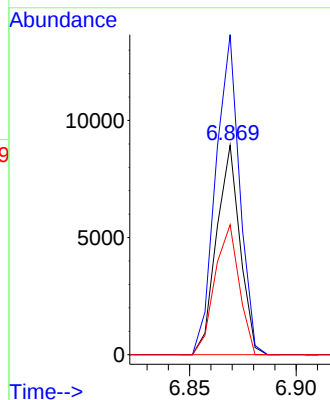
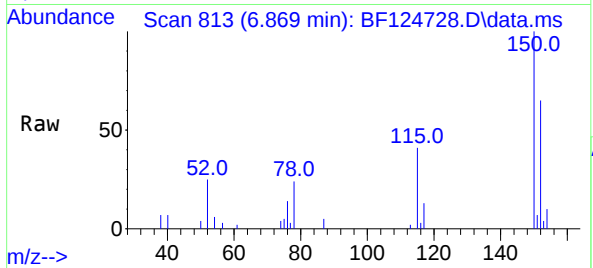




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

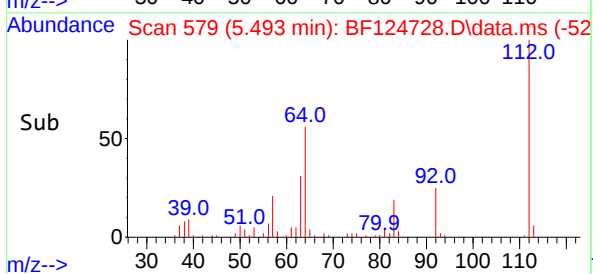
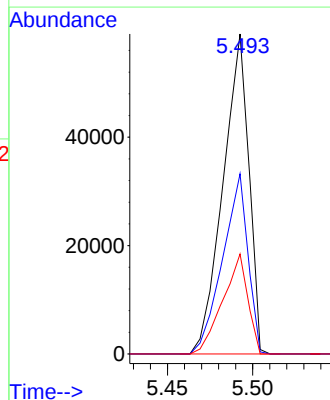
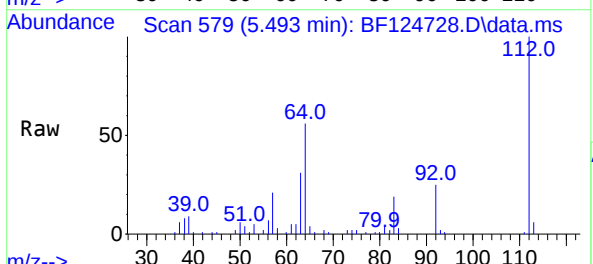
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VB16085

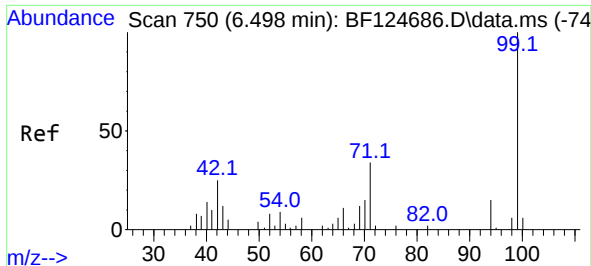
Tgt Ion:152 Resp: 6838
Ion Ratio Lower Upper
152 100
150 152.8 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 153.915 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion:112 Resp: 62160
Ion Ratio Lower Upper
112 100
64 56.3 44.2 66.2
63 31.2 26.2 39.2

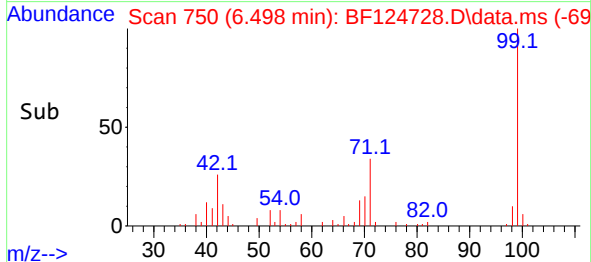
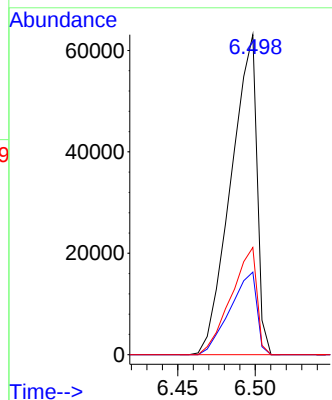
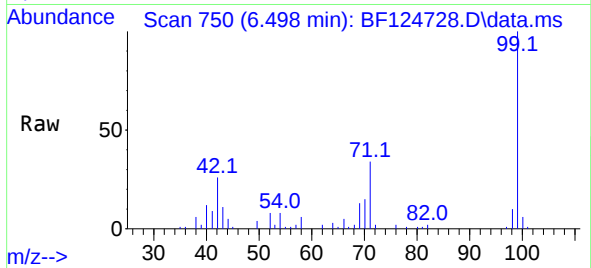




#7
Phenol-d6
Concen: 145.090 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

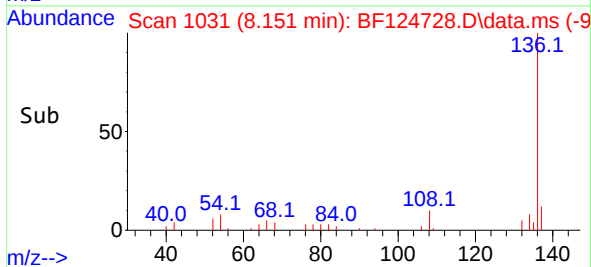
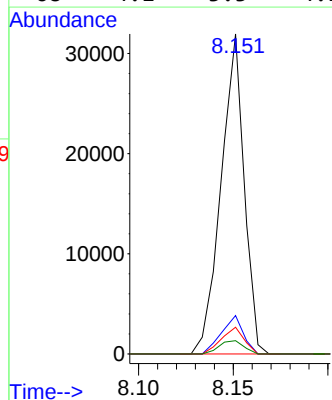
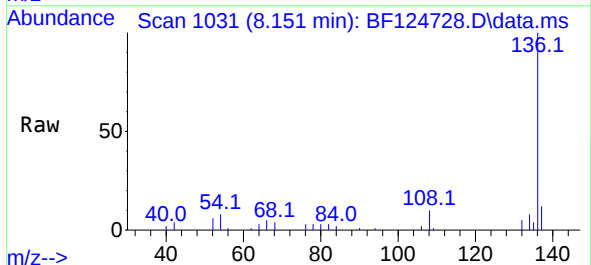
Instrument :
BNA_F
ClientSampleId :
VB16085

Tgt Ion: 99 Resp: 73459
Ion Ratio Lower Upper
99 100
42 25.8 23.5 35.3
71 33.5 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: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion: 136 Resp: 27154
Ion Ratio Lower Upper
136 100
137 12.0 9.8 14.6
54 8.3 6.4 9.6
68 4.1 3.3 4.9





#23

Nitrobenzene-d5

Concen: 100.898 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124728.D

Acq: 23 Jul 2021 23:31

Instrument :

BNA_F

ClientSampleId :

VB16085

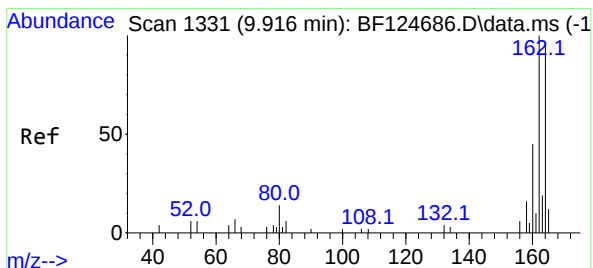
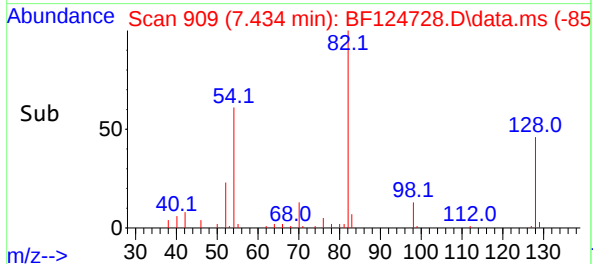
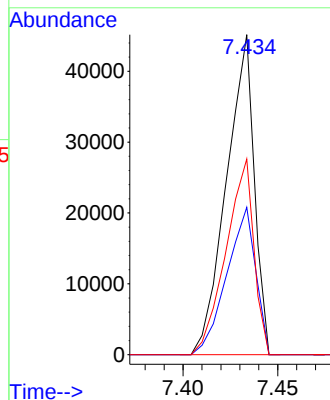
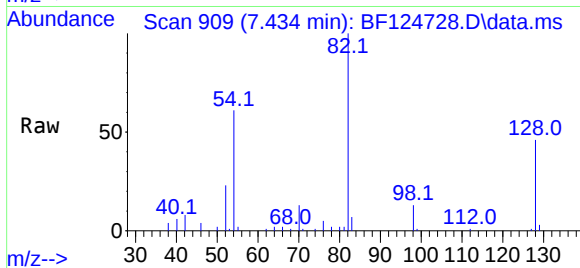
Tgt Ion: 82 Resp: 46033

Ion Ratio Lower Upper

82 100

128 46.0 40.6 60.8

54 61.2 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: BF124728.D

Acq: 23 Jul 2021 23:31

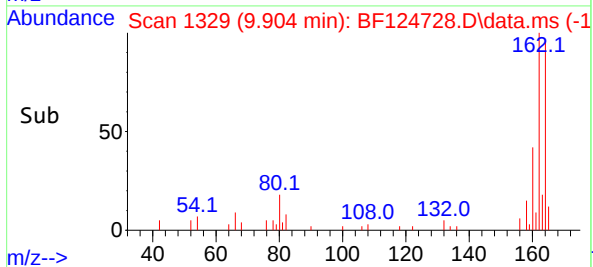
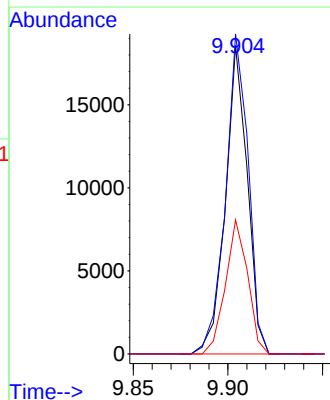
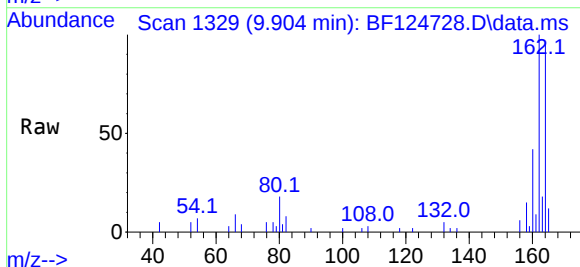
Tgt Ion:164 Resp: 14891

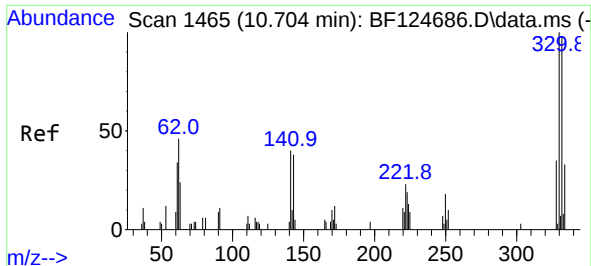
Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

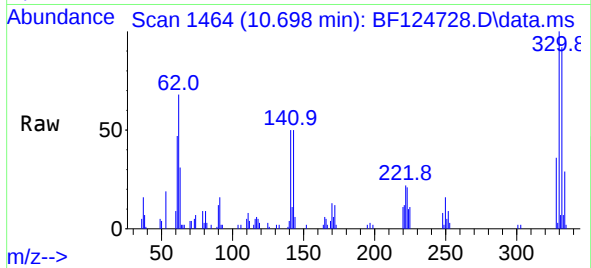
160 43.5 38.0 57.0



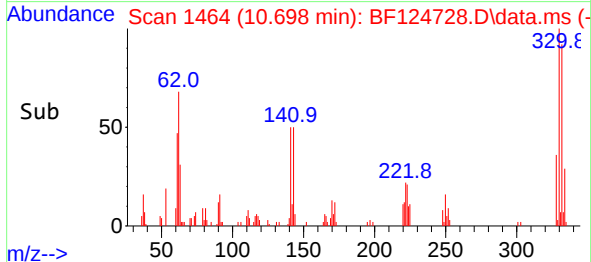
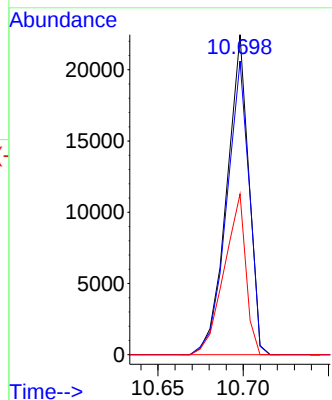


#42
2,4,6-Tribromophenol
Concen: 157.712 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

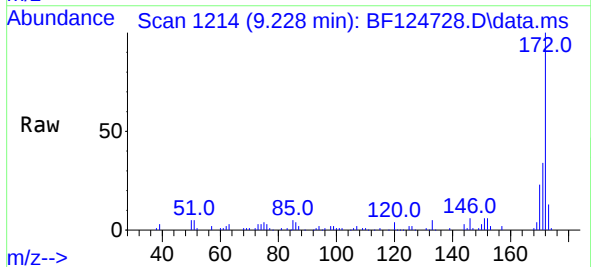
Instrument :
BNA_F
ClientSampleID :
VB16085



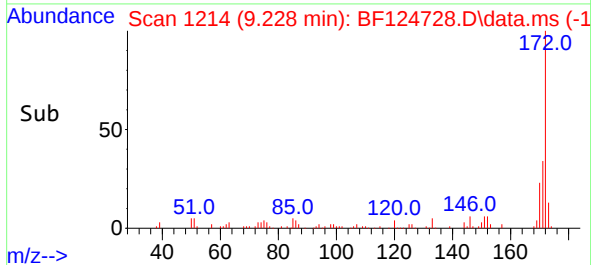
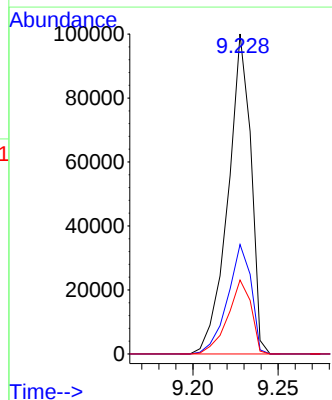
Tgt Ion:330 Resp: 20164
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 49.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 92.162 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31



Tgt Ion:172 Resp: 93439
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.1 18.8 28.2

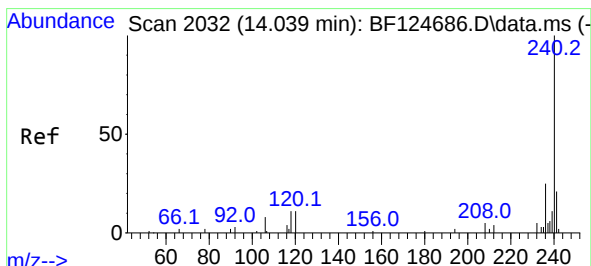
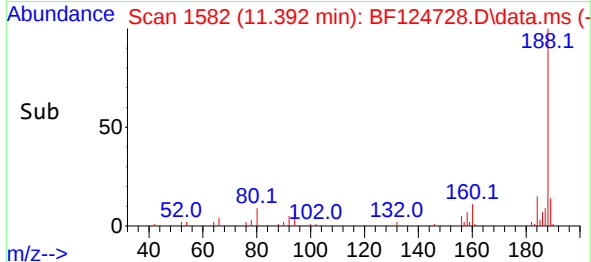
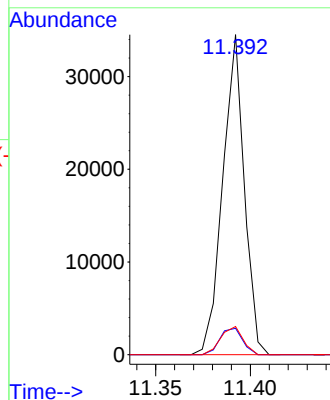
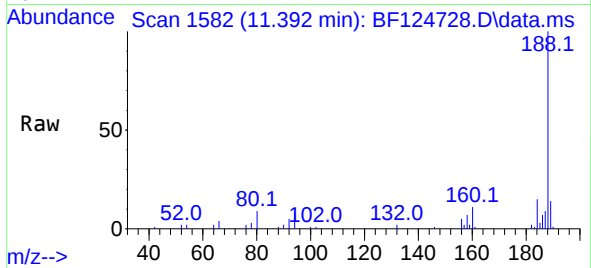




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

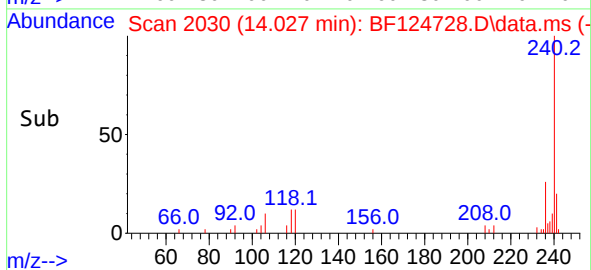
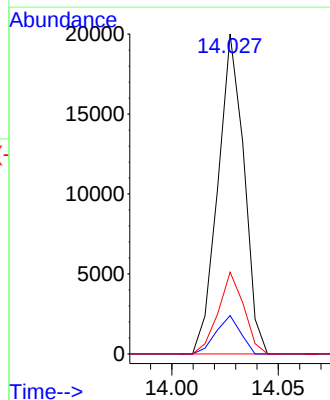
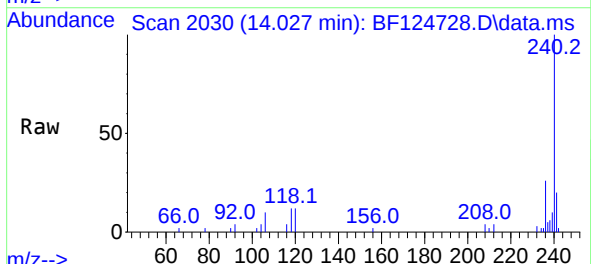
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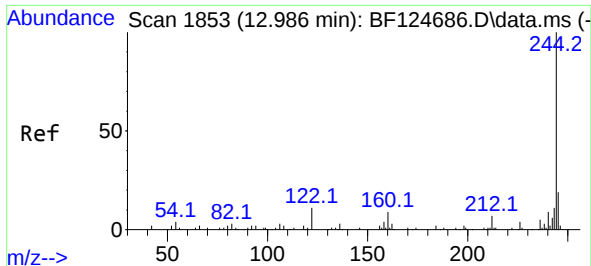
Tgt Ion:188 Resp: 27330
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

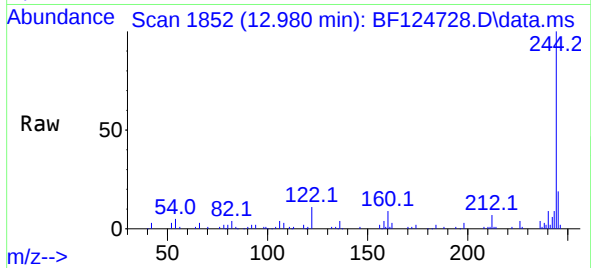
Tgt Ion:240 Resp: 17002
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.5 21.6 32.4



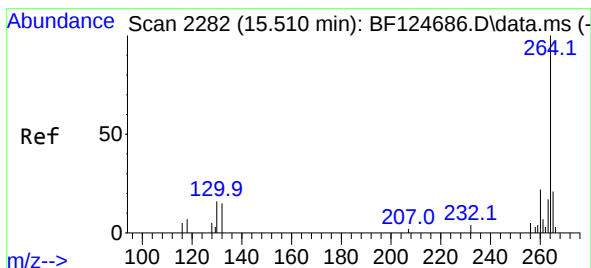
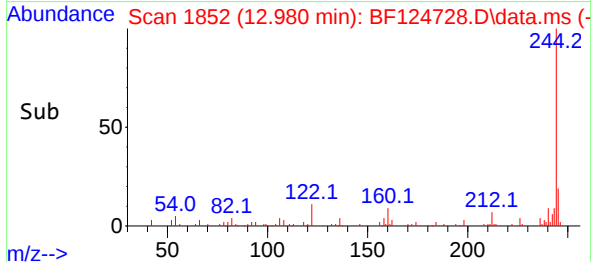
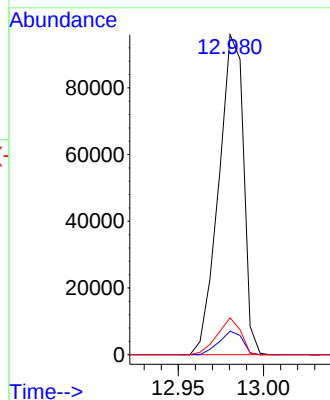


#79
Terphenyl-d14
Concen: 98.008 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Instrument :
BNA_F
ClientSampleId :
VB16085



Tgt Ion:244 Resp: 97211
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.5 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: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion:264 Resp: 12686
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 22.1 17.2 25.8

