

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125785.D
 Acq On : 8 Oct 2021 16:28
 Operator : JU/CG
 Sample : M4087-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20211005-ROCK

Quant Time: Oct 08 17:27:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	214685	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	860988	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	446977	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	729277	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	419280	20.00	ng	0.00
86) Perylene-d12	15.445	264	449532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1372200	104.42	ng	0.01
7) Phenol-d6	6.469	99	1506488	89.05	ng	0.00
23) Nitrobenzene-d5	7.404	82	1087997	78.55	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	492408	111.58	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2098647	80.98	ng	0.00
79) Terphenyl-d14	12.945	244	1916997	69.64	ng	0.00

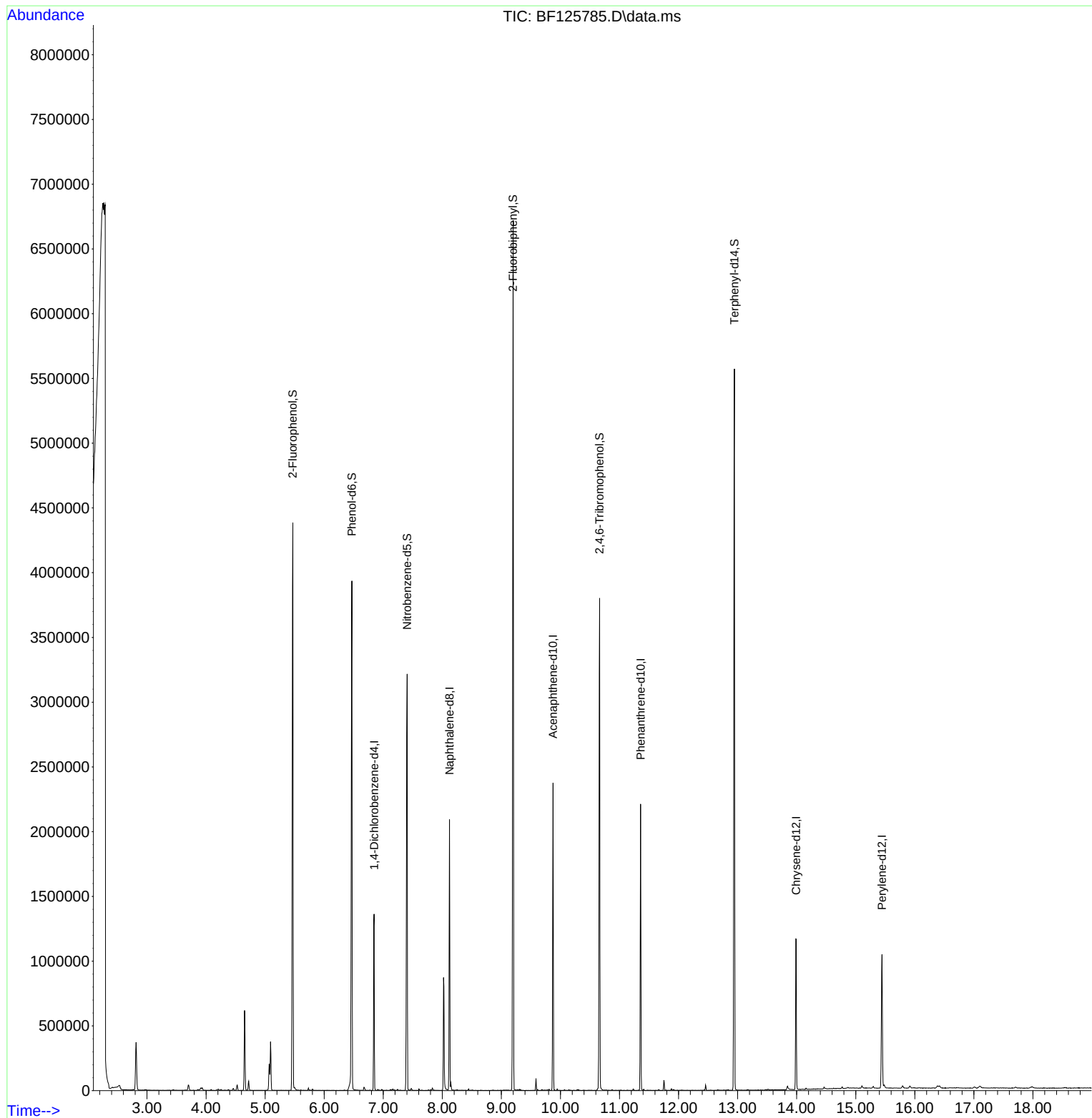
Target Compounds	Qvalue

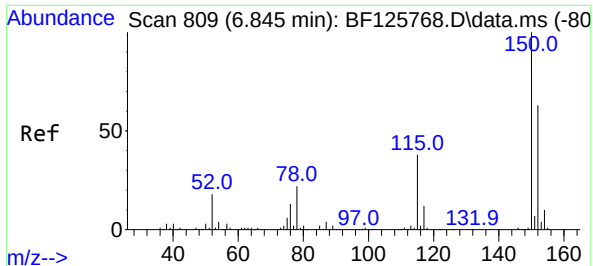
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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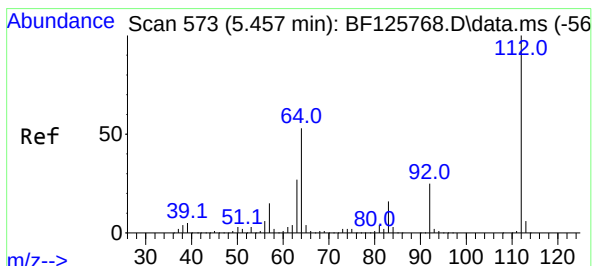
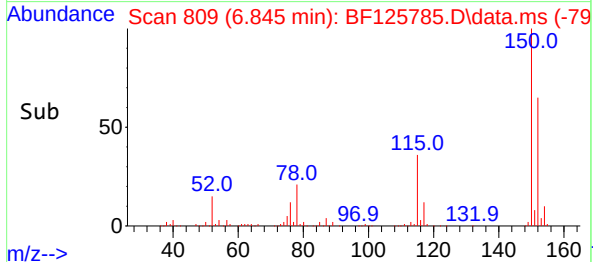
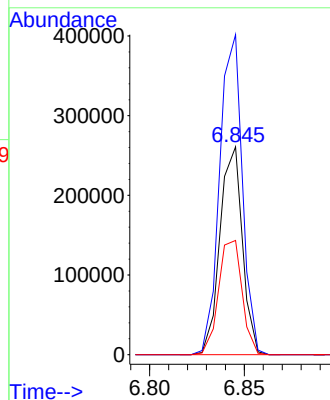
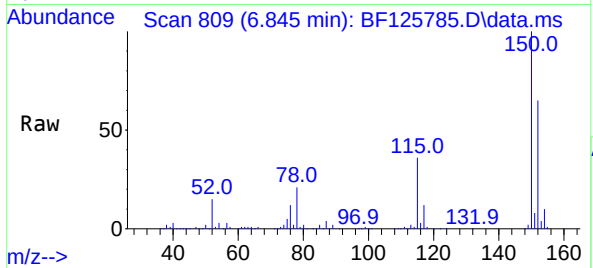




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

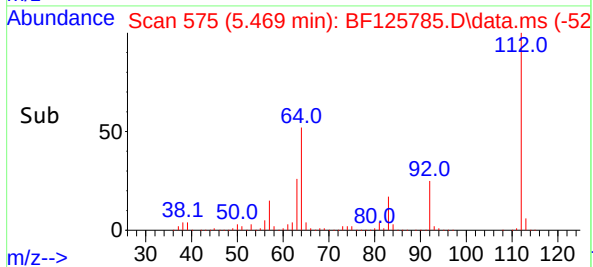
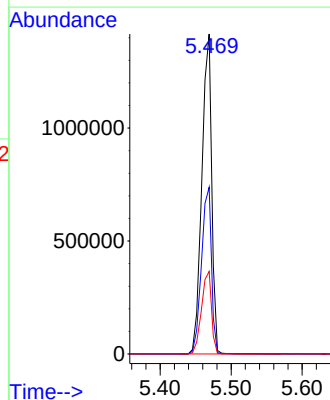
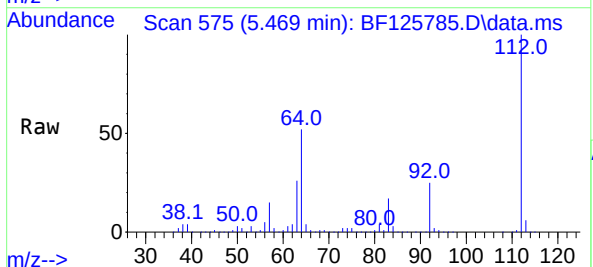
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

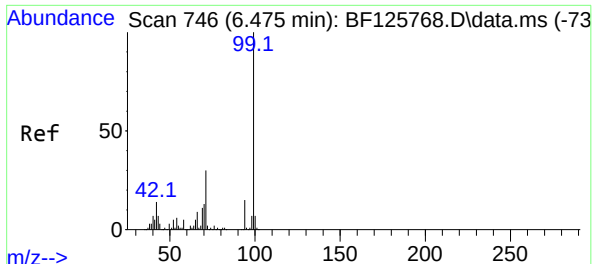
Tgt Ion:152 Resp: 214685
Ion Ratio Lower Upper
152 100
150 154.0 117.6 176.4
115 55.0 47.1 70.7



#5
2-Fluorophenol
Concen: 104.42 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:112 Resp: 1372200
Ion Ratio Lower Upper
112 100
64 52.1 44.2 66.2
63 25.8 26.2 39.2#

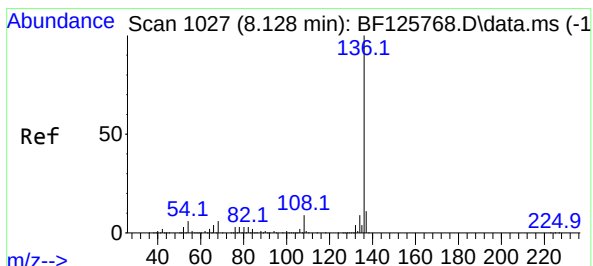
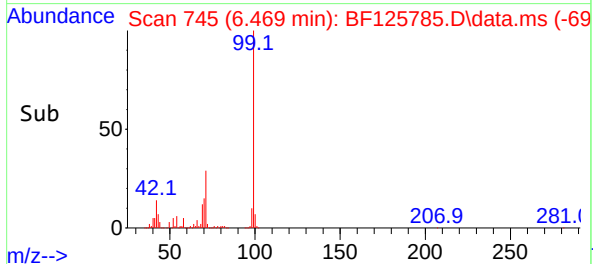
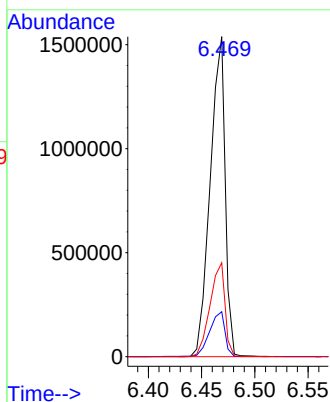
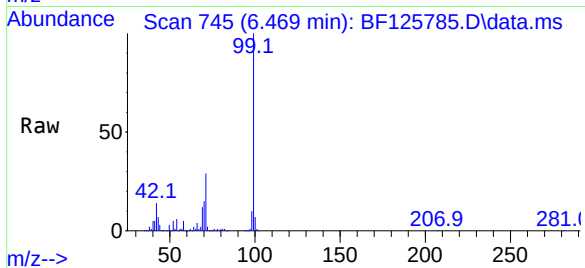




#7
Phenol-d6
Concen: 89.05 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

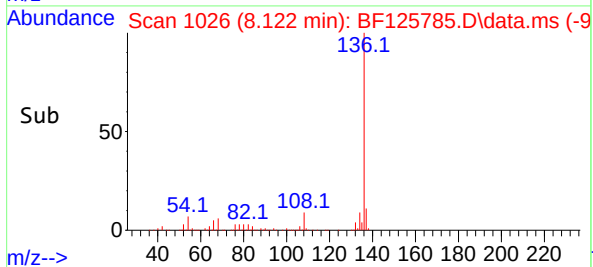
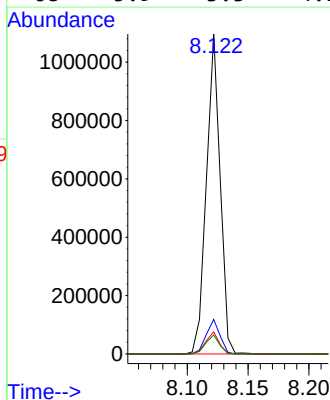
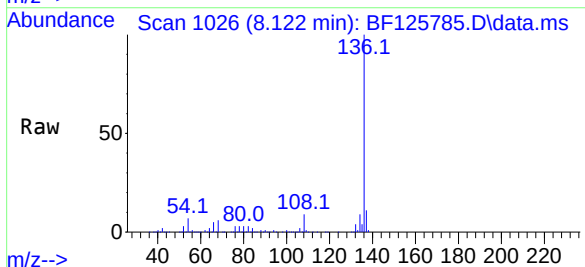
Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCK

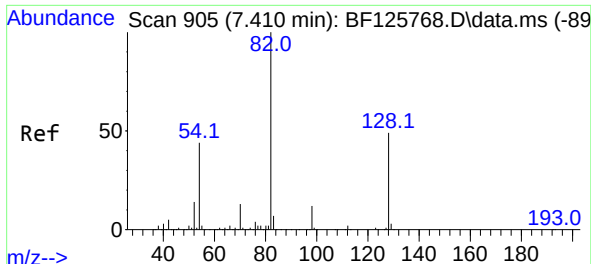
Tgt Ion: 99 Resp: 1506488
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 29.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion: 136 Resp: 860988
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.9 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 78.55 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125785.D

Acq: 8 Oct 2021 16:28

Instrument :

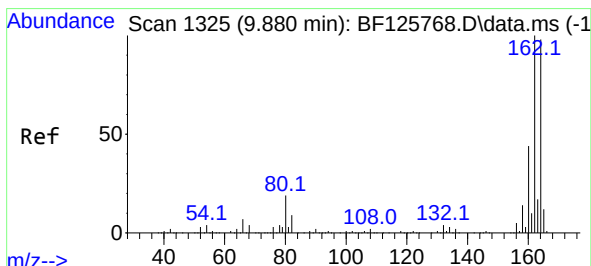
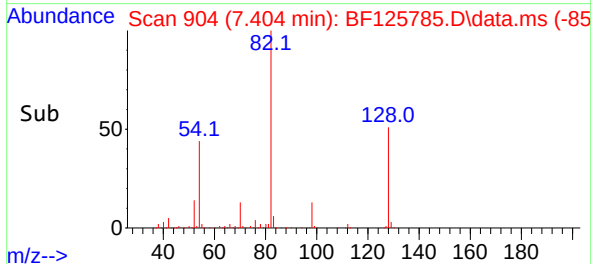
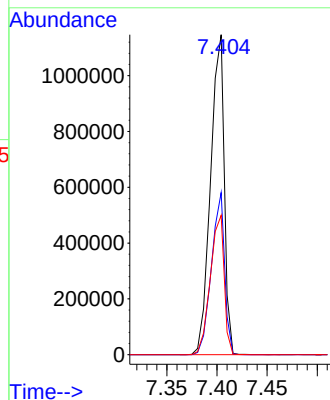
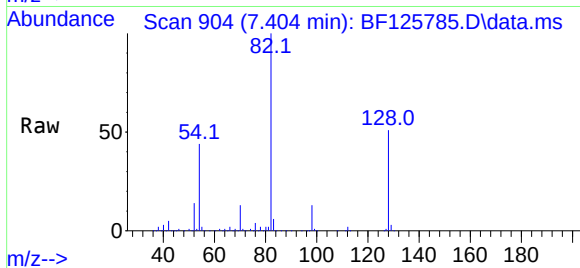
BNA_F

ClientSampleId :

WC-20211005-ROCK

Tgt Ion: 82 Resp: 1087997

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.6	60.8
54	43.5	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

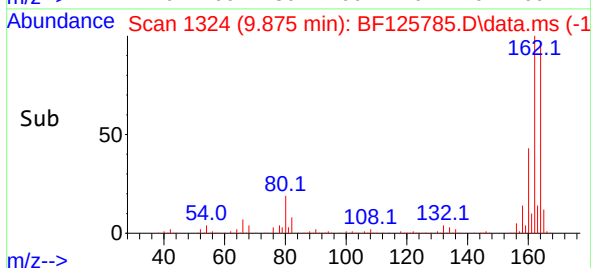
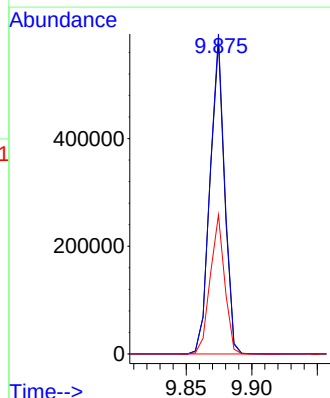
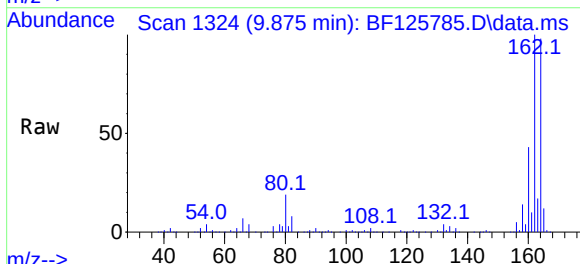
Delta R.T. -0.006 min

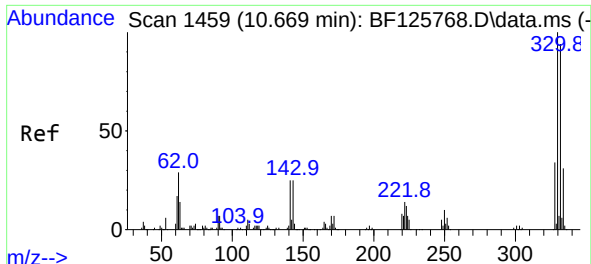
Lab File: BF125785.D

Acq: 8 Oct 2021 16:28

Tgt Ion:164 Resp: 446977

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	44.5	38.0	57.0

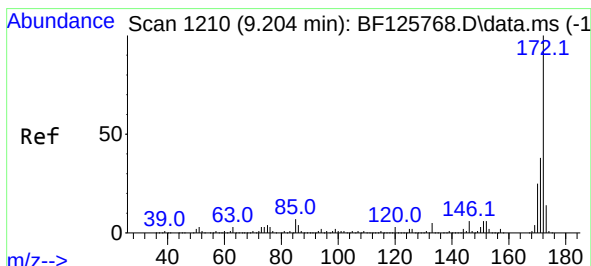
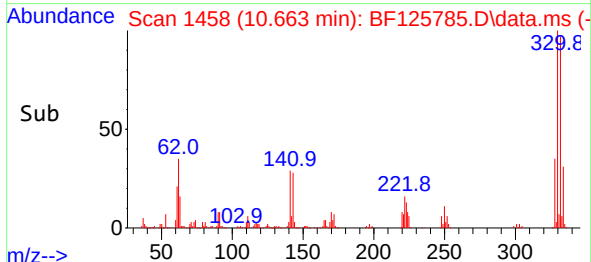
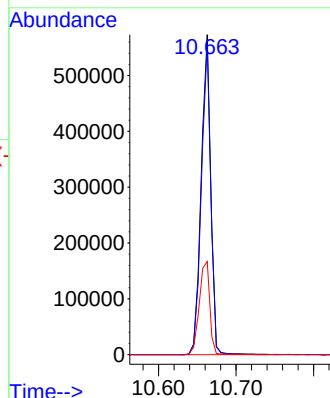
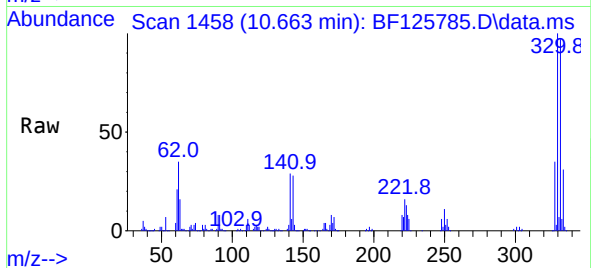




#42
2,4,6-Tribromophenol
Concen: 111.58 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

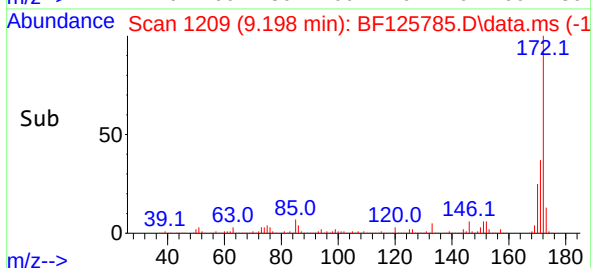
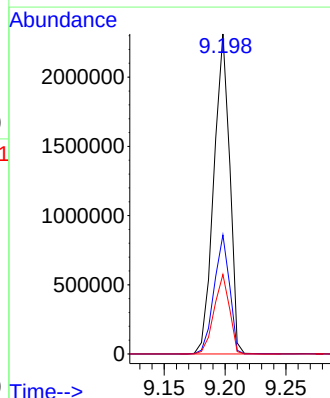
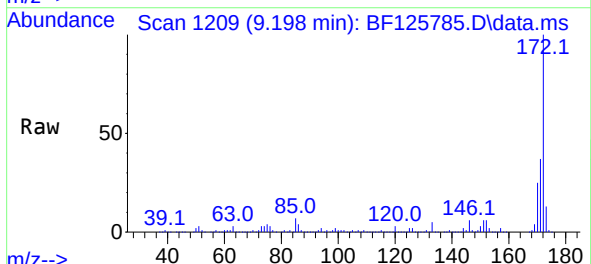
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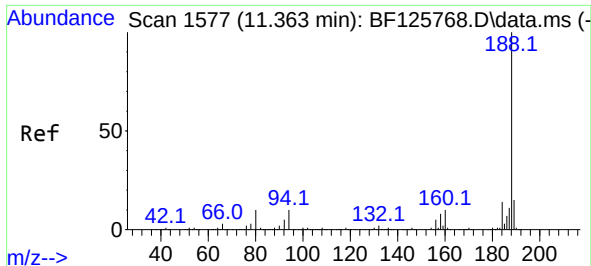
Tgt Ion:330 Resp: 492408
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.98 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

Tgt Ion:172 Resp: 2098647
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2

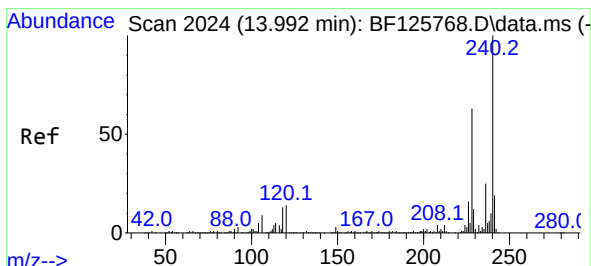
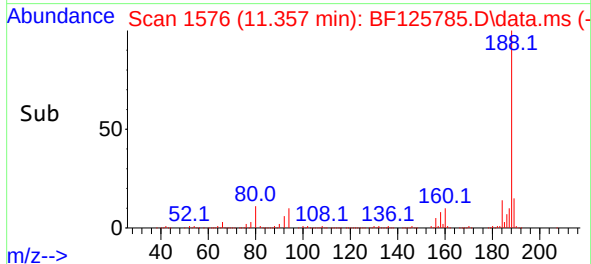
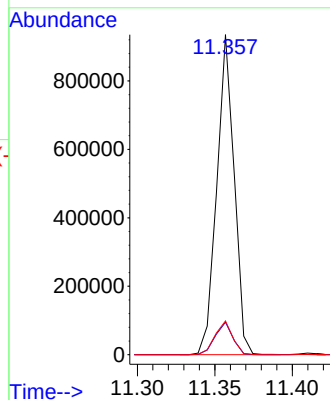
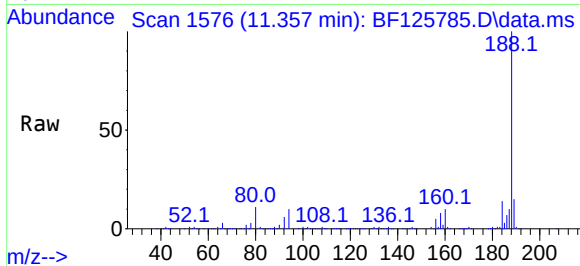




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

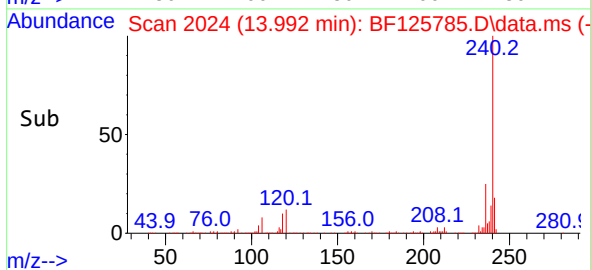
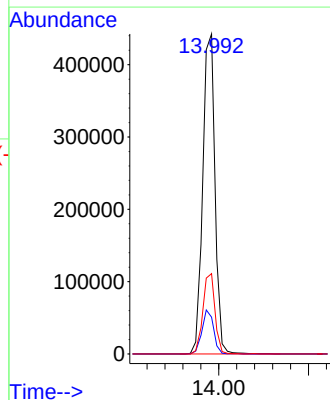
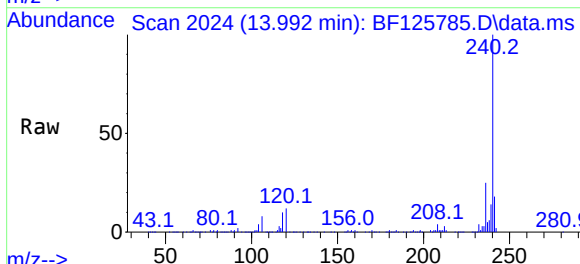
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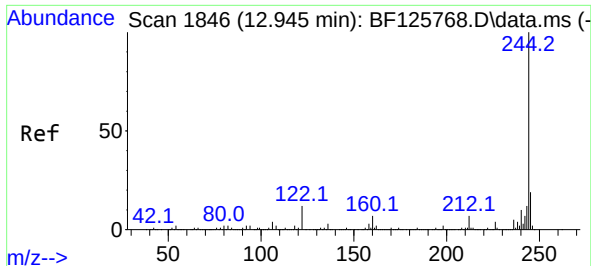
Tgt Ion:188 Resp: 729277
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

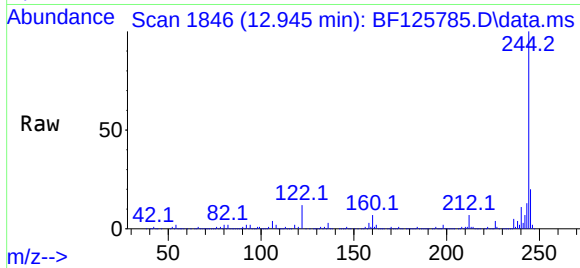
Tgt Ion:240 Resp: 419280
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 25.1 21.6 32.4



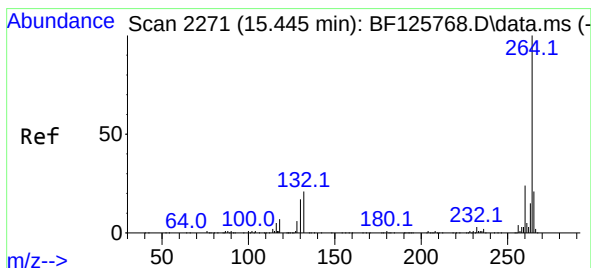
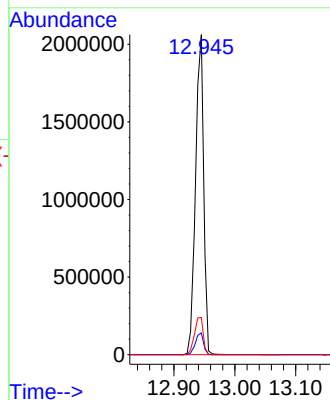
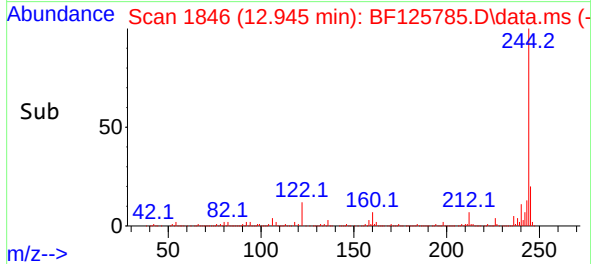


#79
Terphenyl-d14
Concen: 69.64 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28

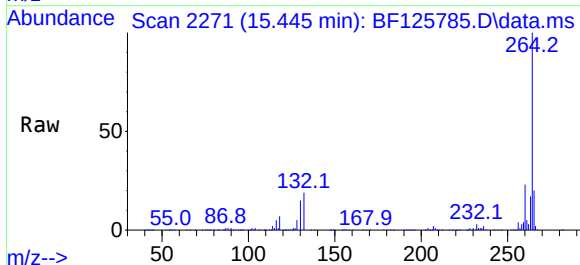
Instrument :
BNA_F
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Tgt Ion:244 Resp: 1916997
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.6 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125785.D
Acq: 8 Oct 2021 16:28



Tgt Ion:264 Resp: 449532
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 20.3 17.2 25.8

