

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135285.D
 Acq On : 15 Sep 2023 18:18
 Operator : CG\JU
 Sample : 04399-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Sep 16 02:34:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	102756	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	395685	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	188350	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	326305	20.000	ng	0.00
76) Chrysene-d12	13.939	240	186291	20.000	ng	0.00
86) Perylene-d12	15.404	264	220553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	834285	132.053	ng	0.02
7) Phenol-d6	6.404	99	964960	120.117	ng	0.00
23) Nitrobenzene-d5	7.322	82	725495	99.614	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	269117	143.779	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1226668	98.259	ng	-0.01
79) Terphenyl-d14	12.886	244	955441	79.506	ng	0.00

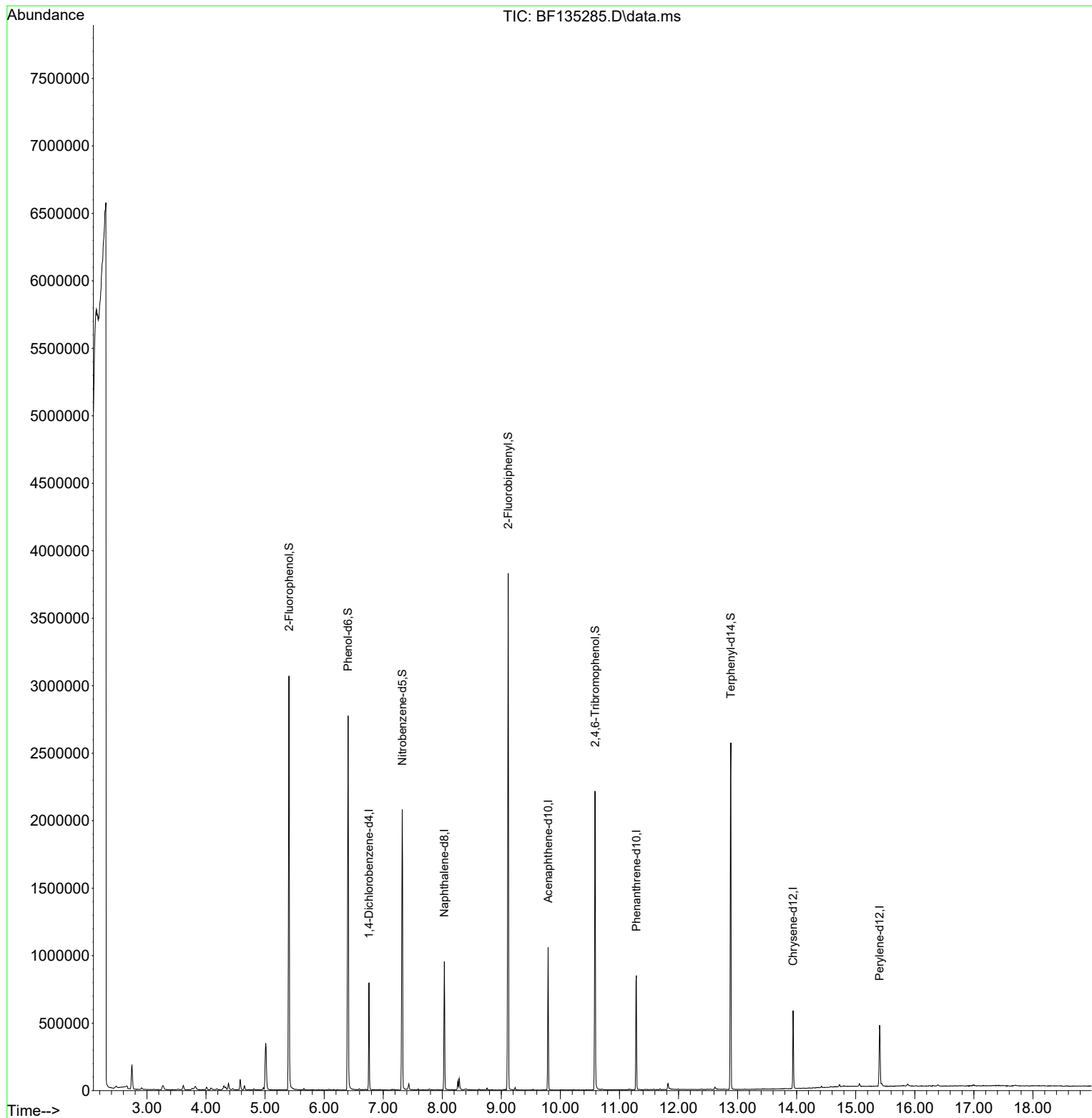
Target Compounds	Qvalue
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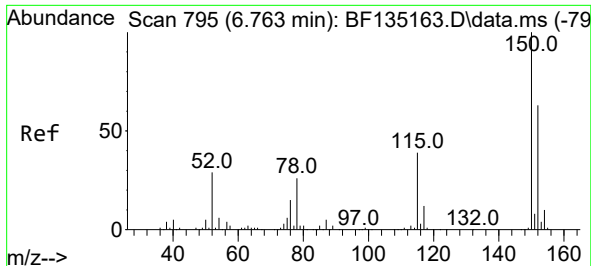
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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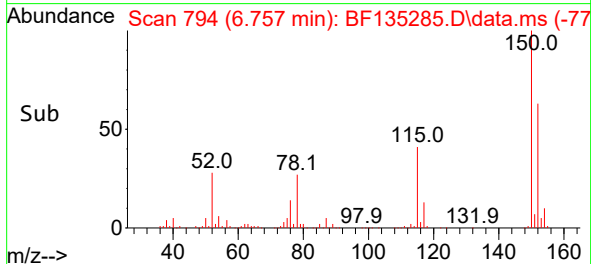
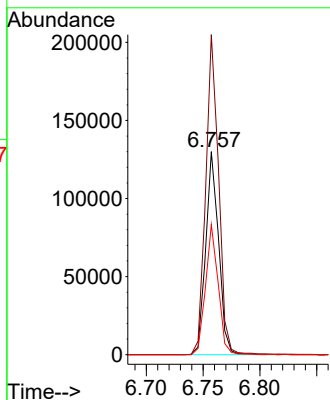
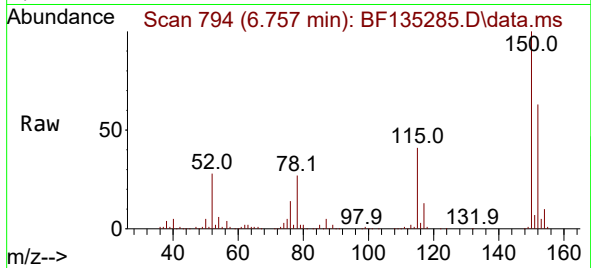




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

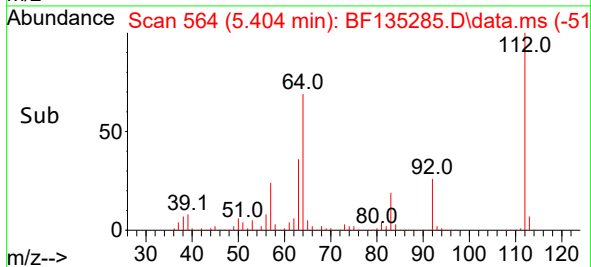
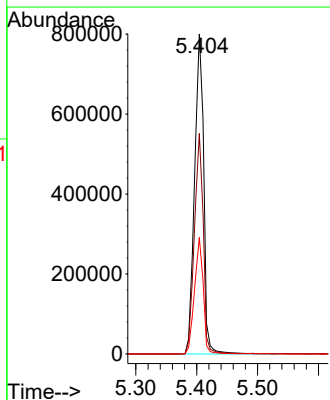
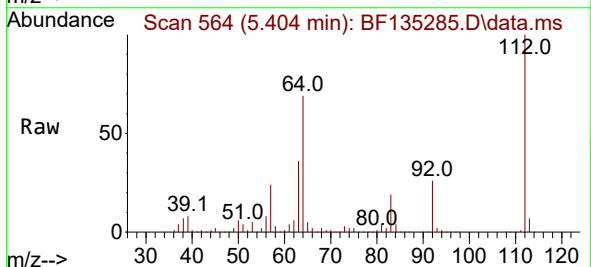
Instrument :
BNA_F
ClientSampleId :
72-11985

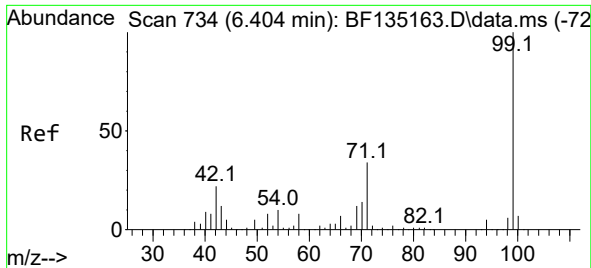
Tgt Ion:152 Resp: 102756
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 64.1 49.8 74.8



#5
2-Fluorophenol
Concen: 132.053 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion:112 Resp: 834285
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 36.4 29.0 43.6

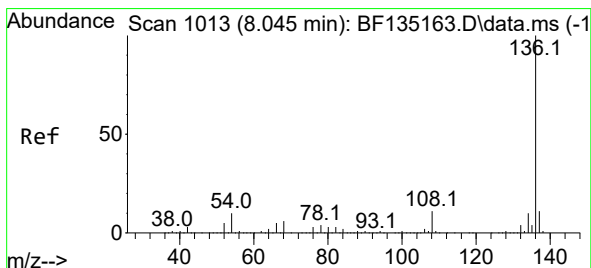
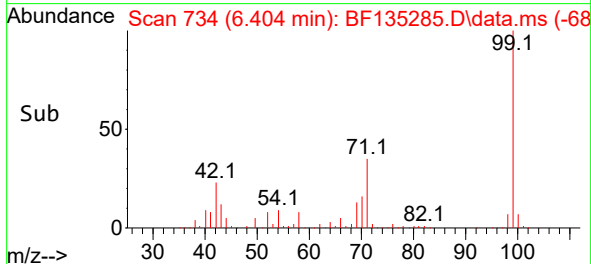
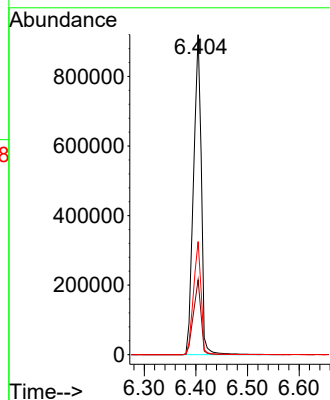
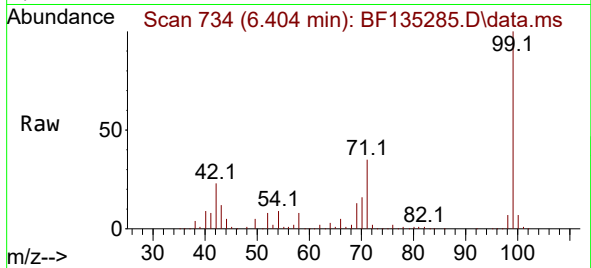




#7
Phenol-d6
Concen: 120.117 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

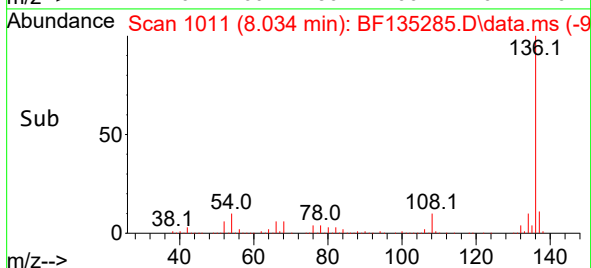
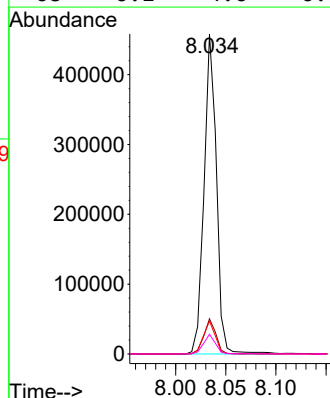
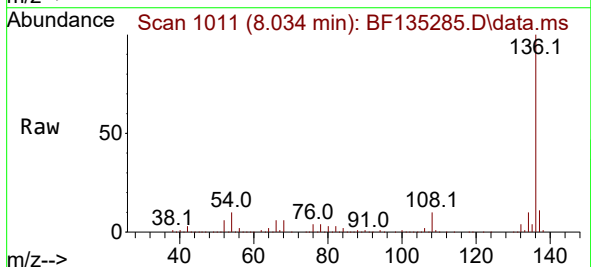
Instrument :
BNA_F
ClientSampleId :
72-11985

Tgt Ion: 99 Resp: 964960
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 35.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion: 136 Resp: 395685
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 7.7 11.5
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 99.614 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135285.D

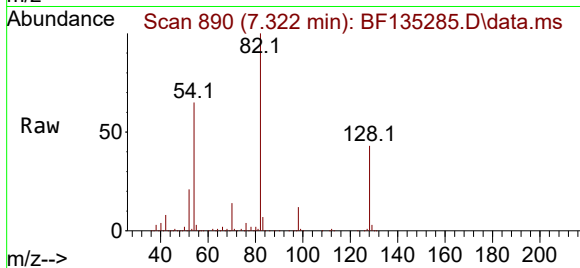
Acq: 15 Sep 2023 18:18

Instrument :

BNA_F

ClientSampleId :

72-11985



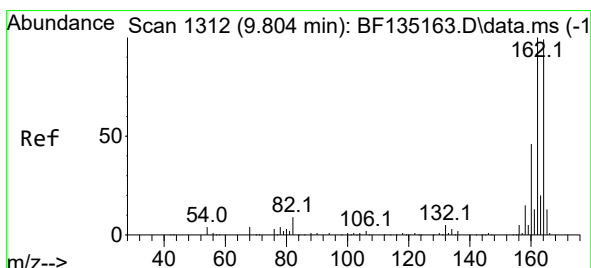
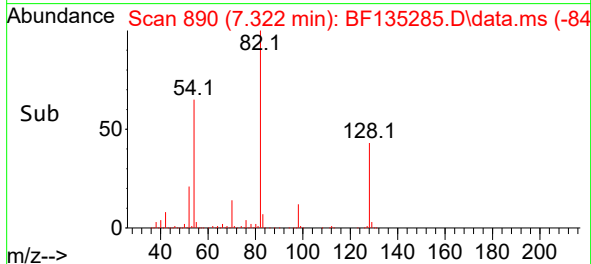
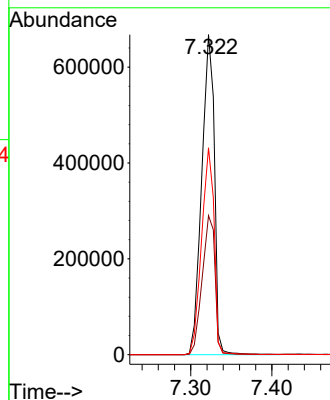
Tgt Ion: 82 Resp: 725495

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 64.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135285.D

Acq: 15 Sep 2023 18:18

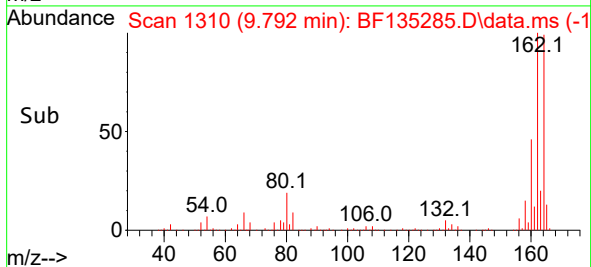
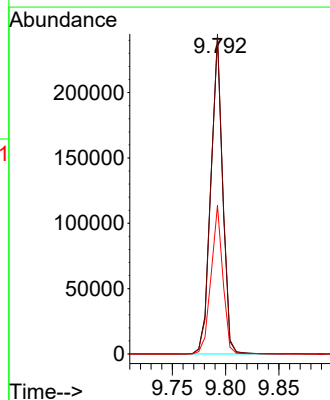
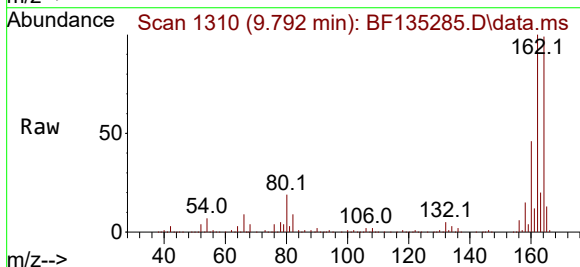
Tgt Ion: 164 Resp: 188350

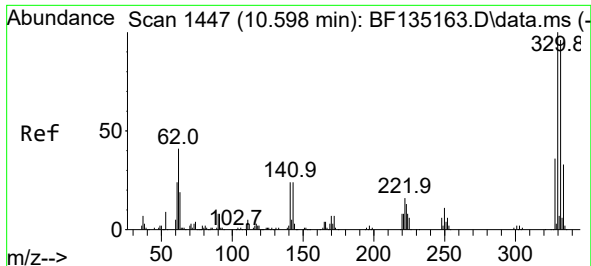
Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

160 46.9 37.0 55.4

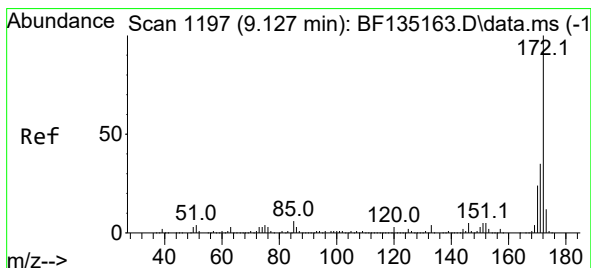
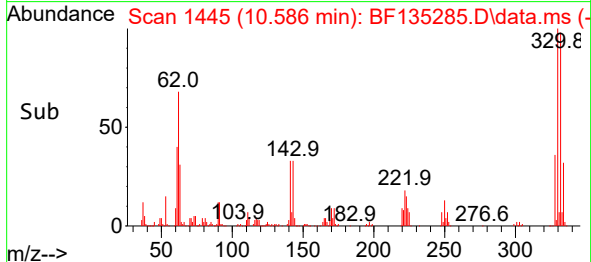
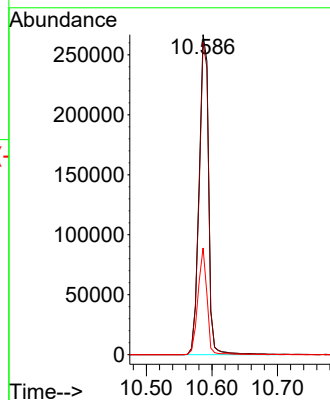
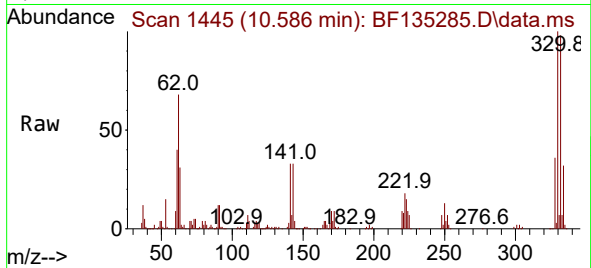




#42
2,4,6-Tribromophenol
Concen: 143.779 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

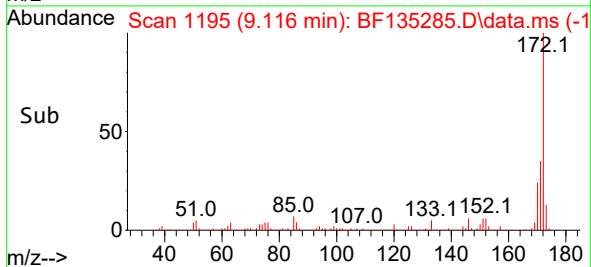
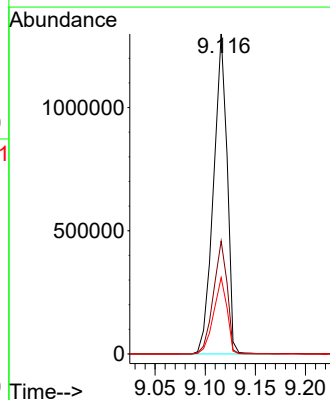
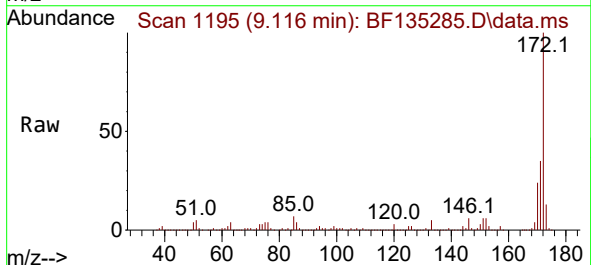
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72-11985

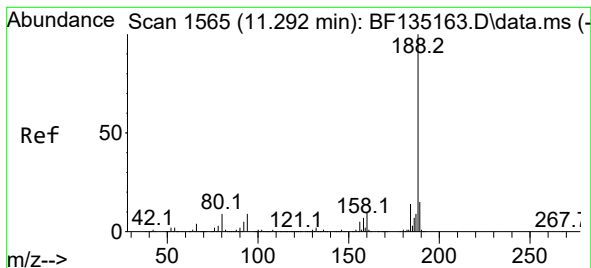
Tgt Ion:330 Resp: 269117
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 31.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 98.259 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion:172 Resp: 1226668
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135285.D

Acq: 15 Sep 2023 18:18

Instrument :

BNA_F

ClientSampleId :

72-11985

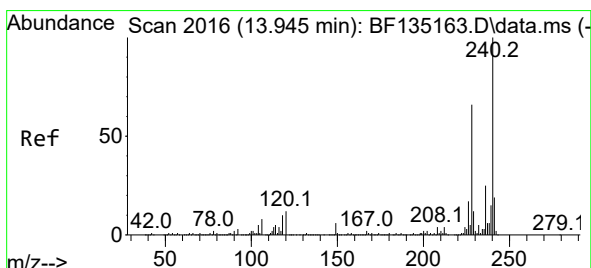
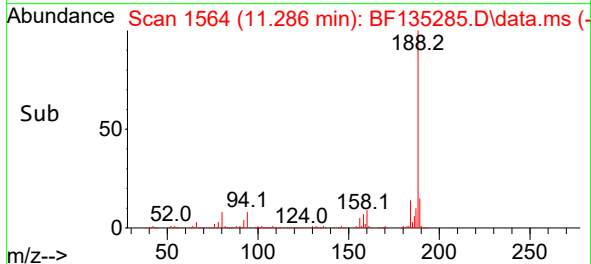
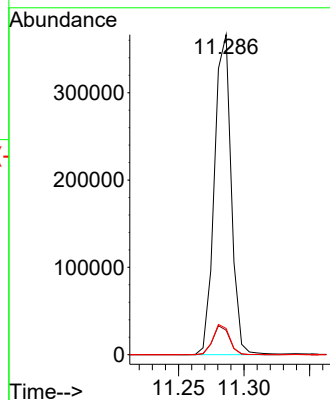
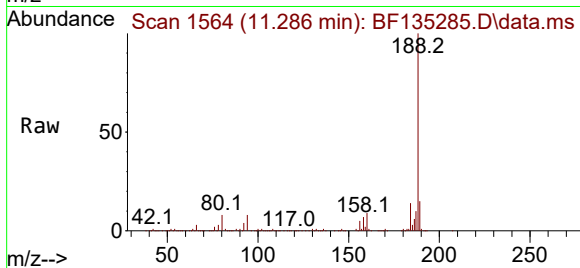
Tgt Ion:188 Resp: 326305

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 8.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135285.D

Acq: 15 Sep 2023 18:18

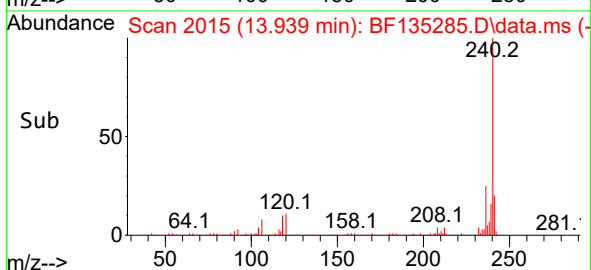
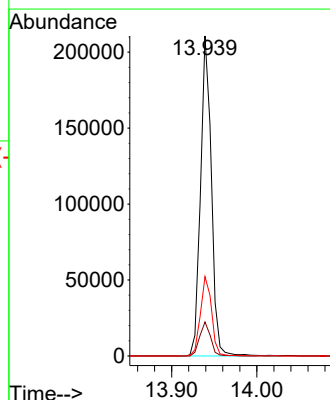
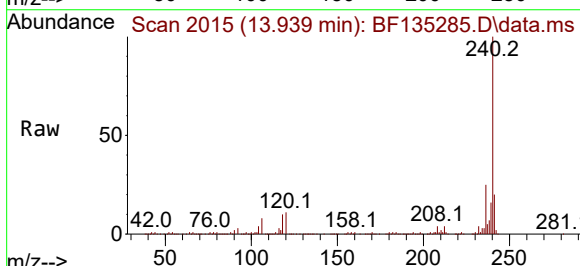
Tgt Ion:240 Resp: 186291

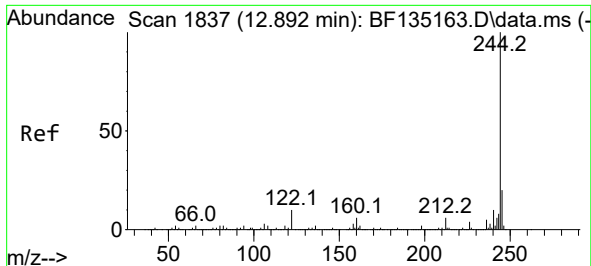
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 24.8 19.8 29.8

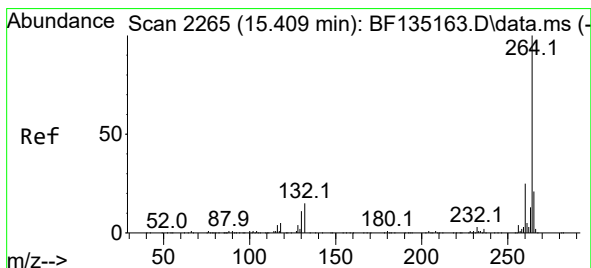
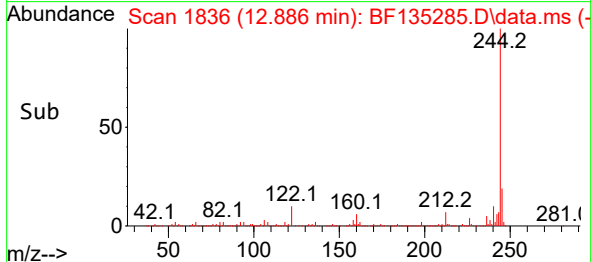
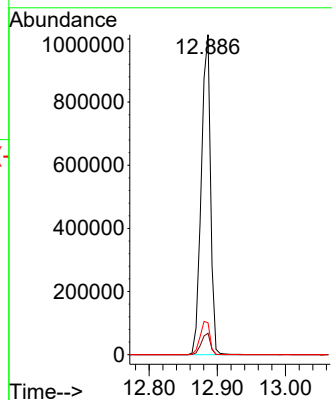
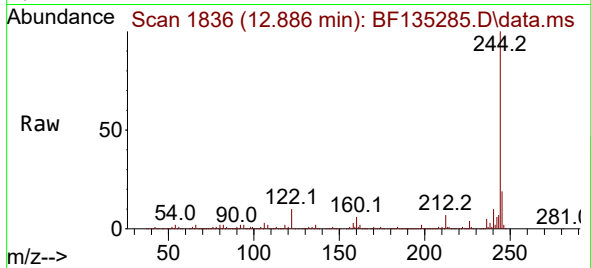




#79
 Terphenyl-d14
 Concen: 79.506 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135285.D
 Acq: 15 Sep 2023 18:18

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Tgt Ion:244 Resp: 955441
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135285.D
 Acq: 15 Sep 2023 18:18

Tgt Ion:264 Resp: 220553
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.0 17.0 25.4

