

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135705.D
 Acq On : 11 Oct 2023 11:01
 Operator : CG\JU
 Sample : PB156189BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156189BL

Quant Time: Oct 12 00:45:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	110549	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	412580	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	232667	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	453079	20.000	ng	0.00
76) Chrysene-d12	13.933	240	264838	20.000	ng	0.00
86) Perylene-d12	15.404	264	206276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	932774	137.234	ng	0.02
7) Phenol-d6	6.393	99	1181472	136.701	ng	0.00
23) Nitrobenzene-d5	7.304	82	709833	93.472	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	298800	129.231	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1294831	83.963	ng	0.00
79) Terphenyl-d14	12.869	244	1424183	83.363	ng	0.00

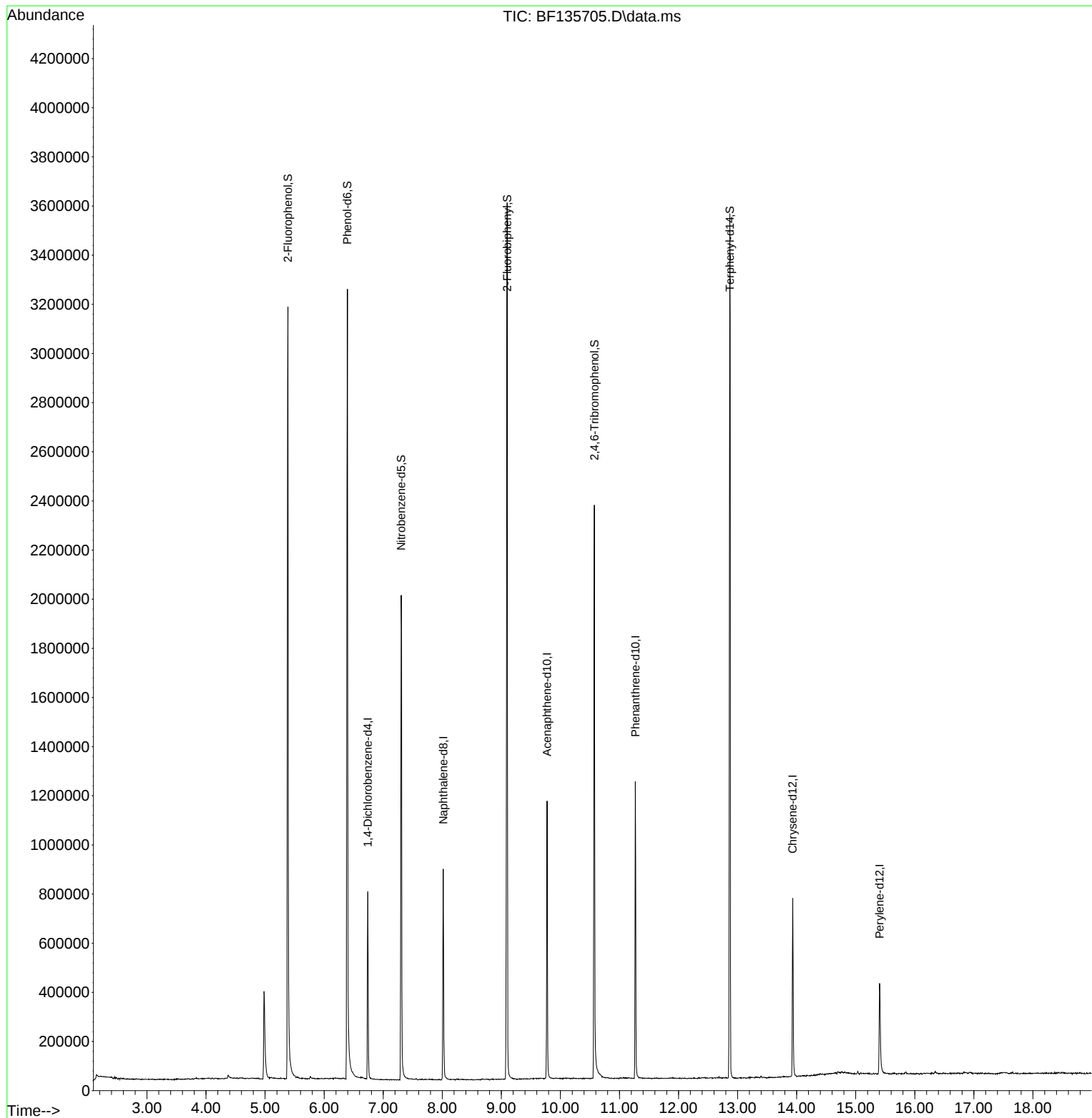
Target Compounds	Qvalue

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

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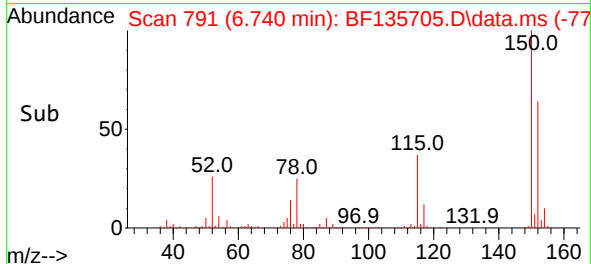
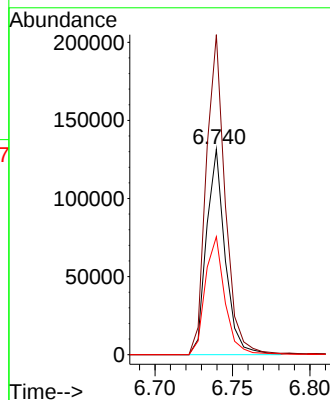
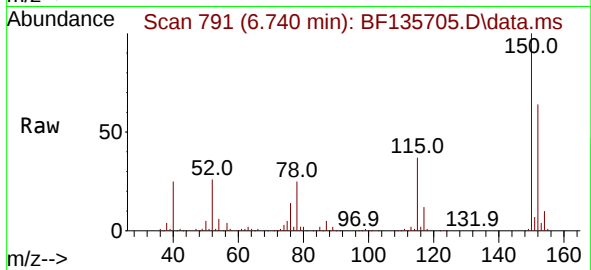




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135705.D
Acq: 11 Oct 2023 11:01

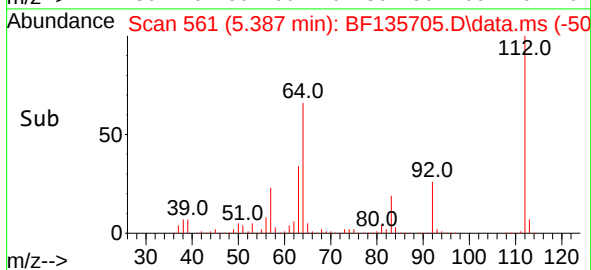
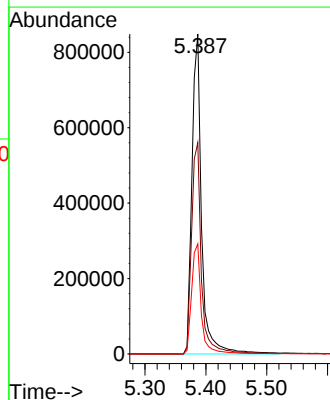
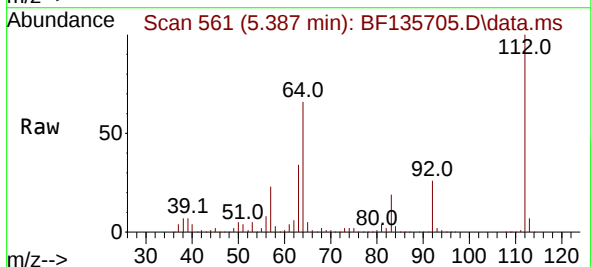
Instrument :
BNA_F
ClientSampleId :
PB156189BL

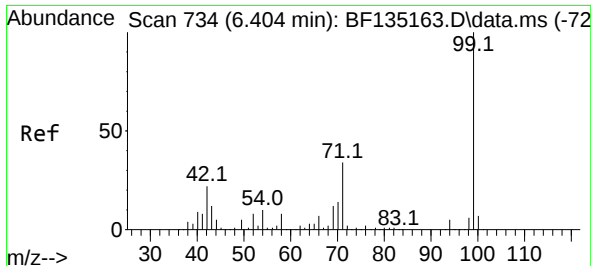
Tgt Ion:152 Resp: 110549
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.6
115 57.4 49.8 74.8



#5
2-Fluorophenol
Concen: 137.234 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135705.D
Acq: 11 Oct 2023 11:01

Tgt Ion:112 Resp: 932774
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 34.4 29.0 43.6



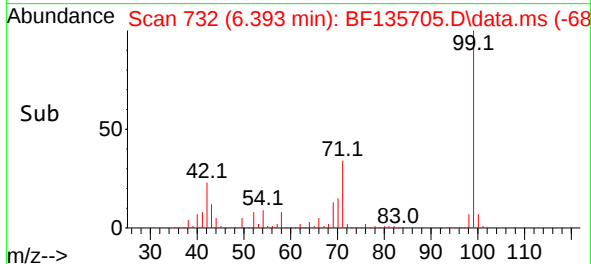
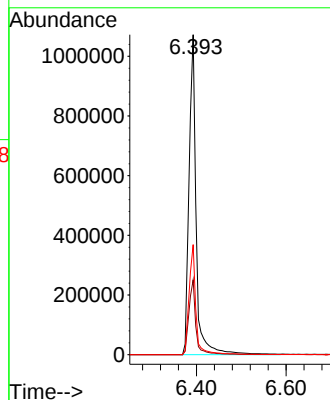
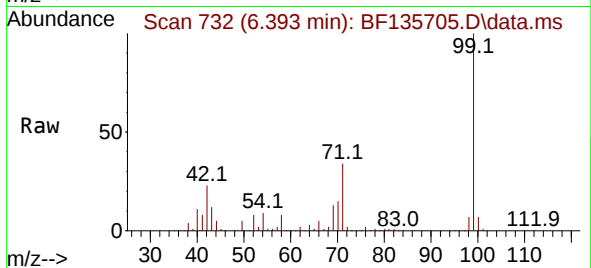


#7
Phenol-d6
Concen: 136.701 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135705.D
Acq: 11 Oct 2023 11:01

Instrument :
BNA_F
ClientSampleId :
PB156189BL

Tgt Ion: 99 Resp: 1181472

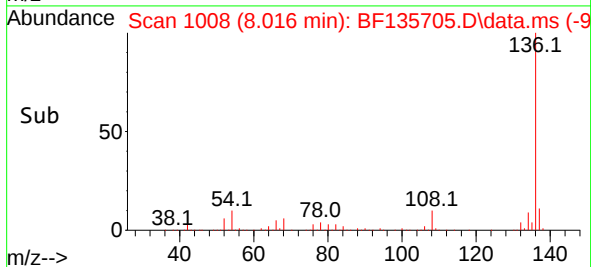
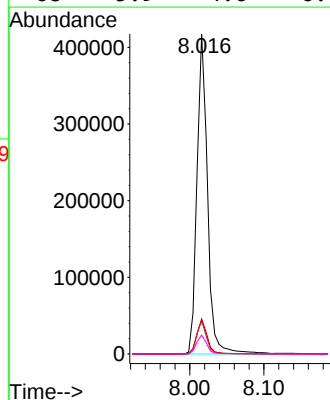
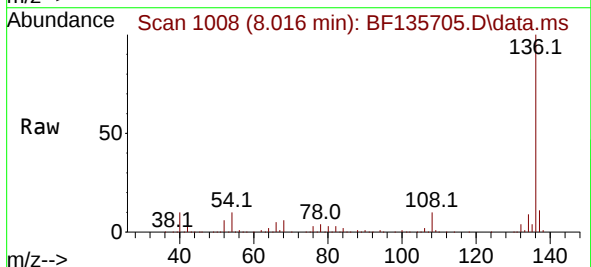
Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.9	26.9
71	34.4	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135705.D
Acq: 11 Oct 2023 11:01

Tgt Ion: 136 Resp: 412580

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.4	7.7	11.5
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 93.472 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135705.D

Acq: 11 Oct 2023 11:01

Instrument :

BNA_F

ClientSampleId :

PB156189BL

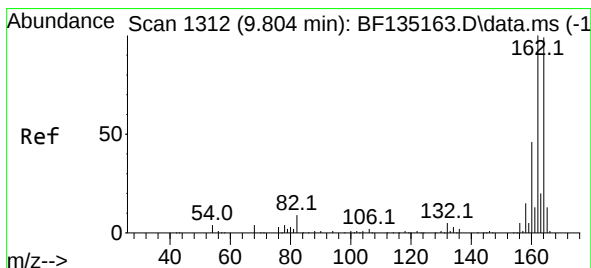
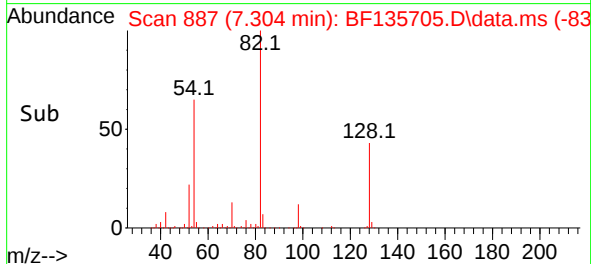
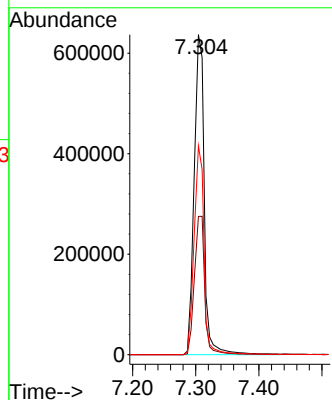
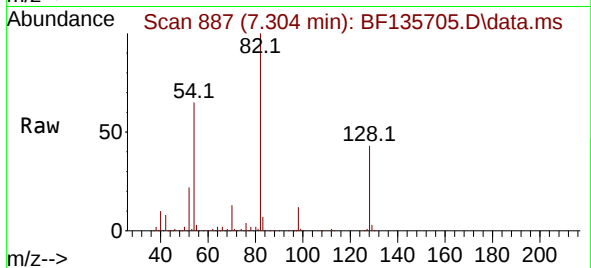
Tgt Ion: 82 Resp: 709833

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

54 65.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135705.D

Acq: 11 Oct 2023 11:01

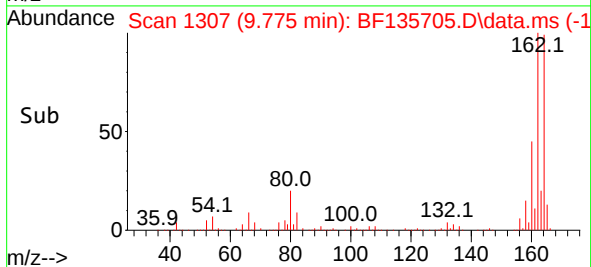
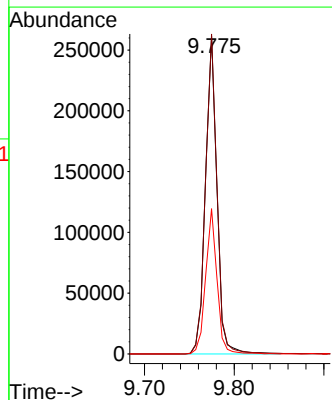
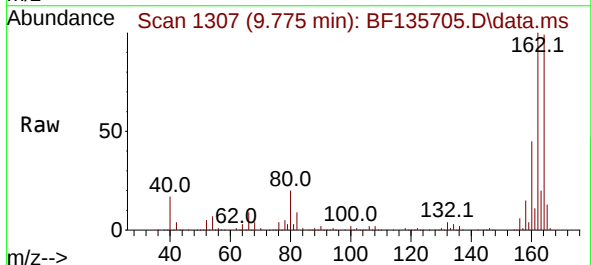
Tgt Ion: 164 Resp: 232667

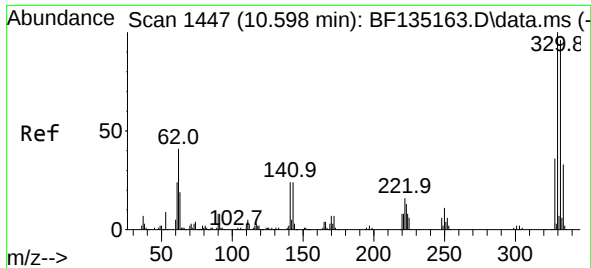
Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

160 45.7 37.0 55.4

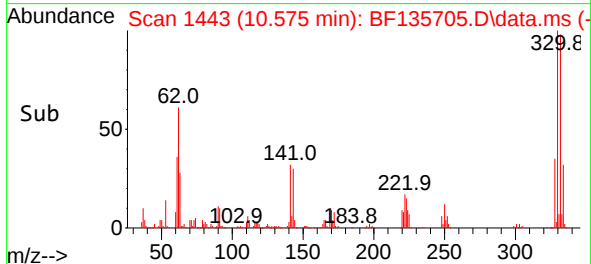
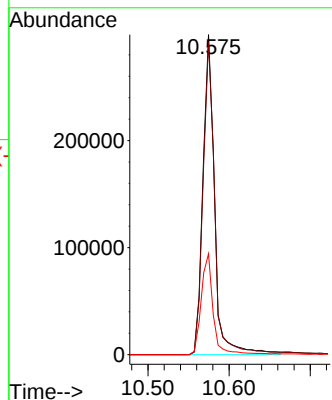
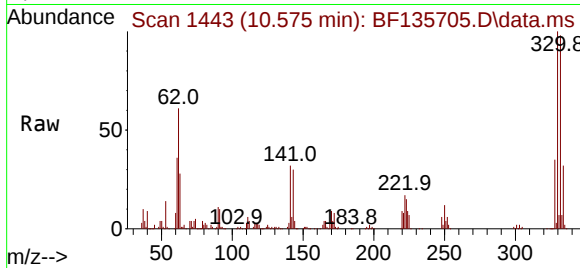




#42
2,4,6-Tribromophenol
Concen: 129.231 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135705.D
Acq: 11 Oct 2023 11:01

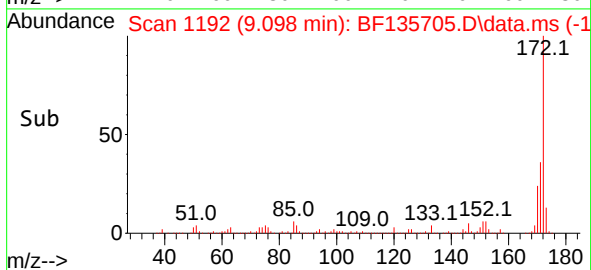
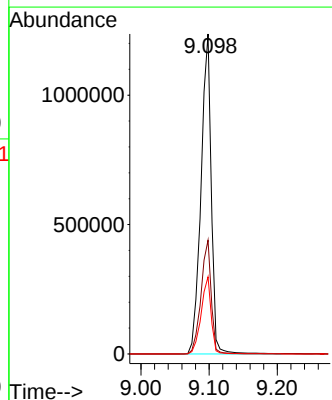
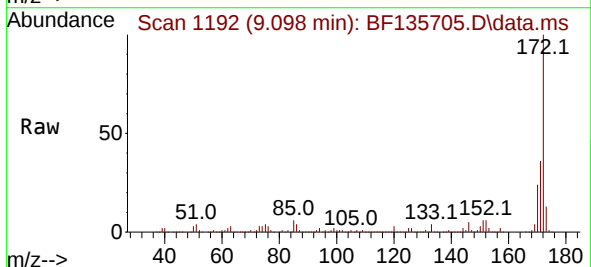
Instrument :
BNA_F
ClientSampleId :
PB156189BL

Tgt Ion:330 Resp: 298800
Ion Ratio Lower Upper
330 100
332 99.9 77.3 115.9
141 32.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.963 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135705.D
Acq: 11 Oct 2023 11:01

Tgt Ion:172 Resp: 1294831
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135705.D

Acq: 11 Oct 2023 11:01

Instrument :

BNA_F

ClientSampleId :

PB156189BL

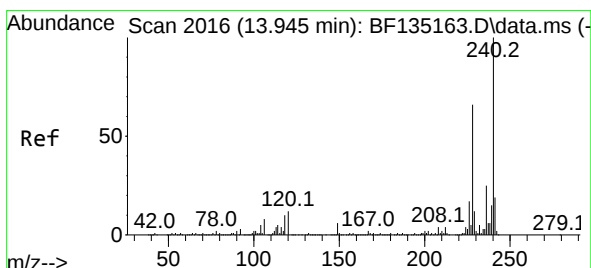
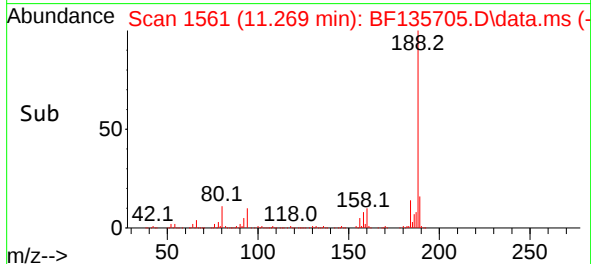
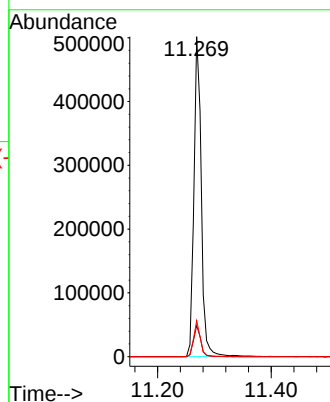
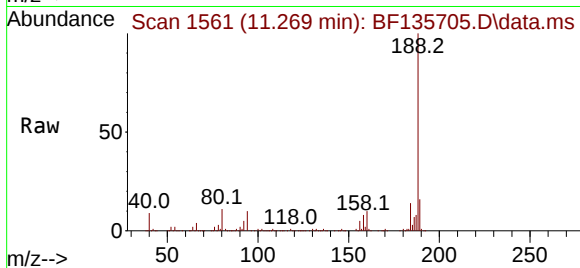
Tgt Ion:188 Resp: 453079

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 11.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135705.D

Acq: 11 Oct 2023 11:01

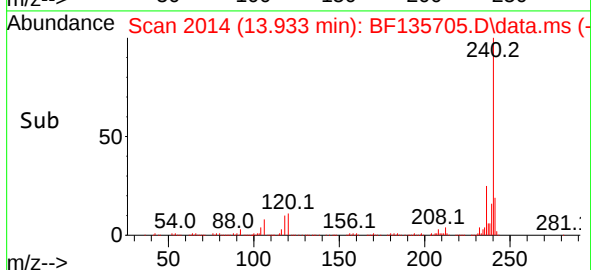
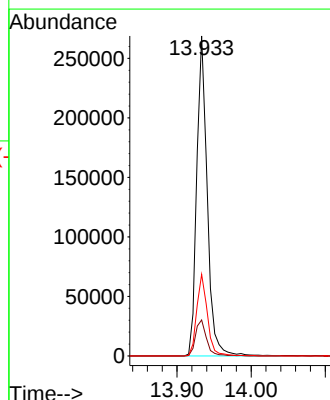
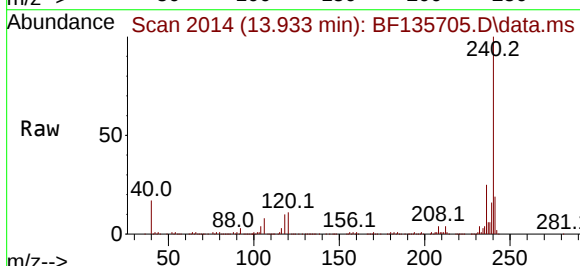
Tgt Ion:240 Resp: 264838

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

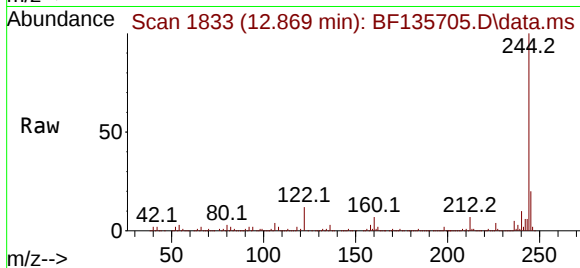
236 25.5 19.8 29.8



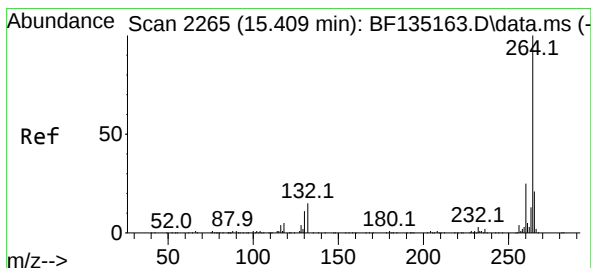
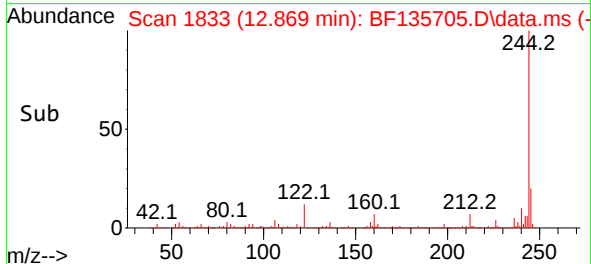
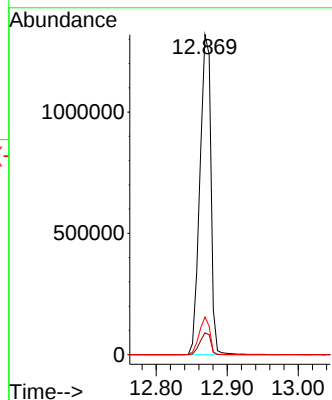


#79
 Terphenyl-d14
 Concen: 83.363 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135705.D
 Acq: 11 Oct 2023 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB156189BL



Tgt Ion:244 Resp: 1424183
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BF135705.D
 Acq: 11 Oct 2023 11:01

Tgt Ion:264 Resp: 206276
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.0 17.0 25.4

