

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135481.D
 Acq On : 27 Sep 2023 19:36
 Operator : CG\JU
 Sample : 04601-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Sep 28 01:52:05 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 26 01:36:36 2023
 Response via : Initial Calibration

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

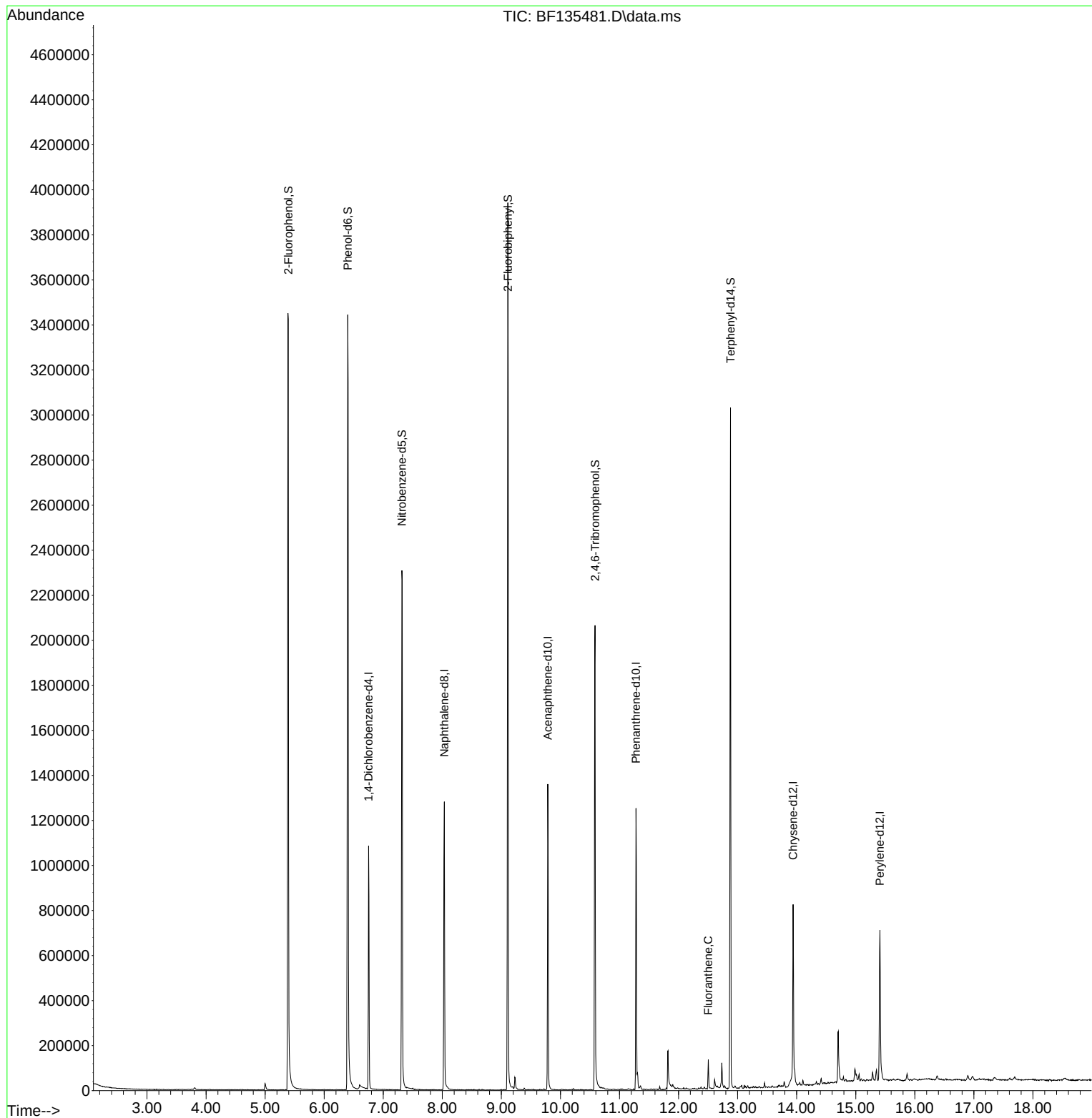
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	156504	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	580590	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	275698	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	475131	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	244091	20.000	ng	0.00
86) Perylene-d12	15.410	264	305214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1050635	109.186	ng	0.01
7) Phenol-d6	6.398	99	1344960	109.923	ng	0.00
23) Nitrobenzene-d5	7.316	82	822144	76.933	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	252050	91.997	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1326653	72.599	ng	0.00
79) Terphenyl-d14	12.880	244	1056890	67.122	ng	0.00
Target Compounds						
75) Fluoranthene	12.504	202	49481	2.113	ng	Qvalue 98

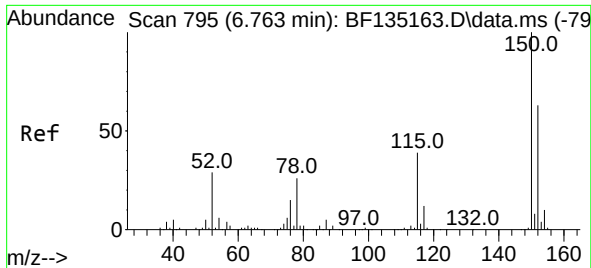
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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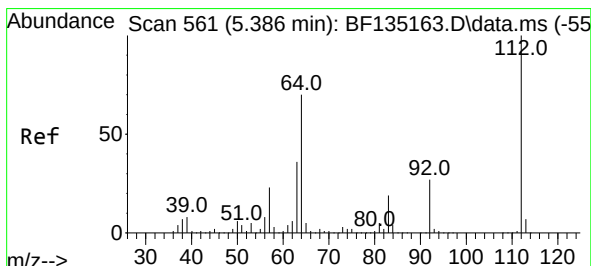
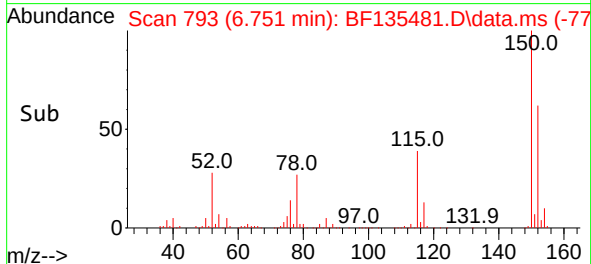
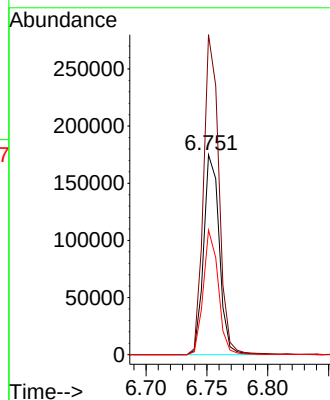
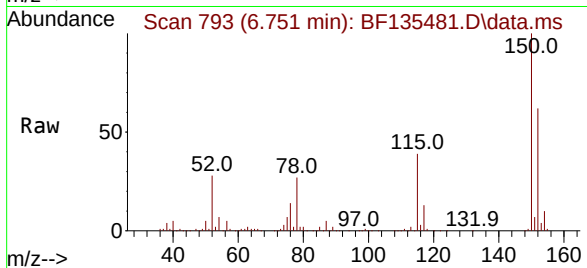




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135481.D
 Acq: 27 Sep 2023 19:36

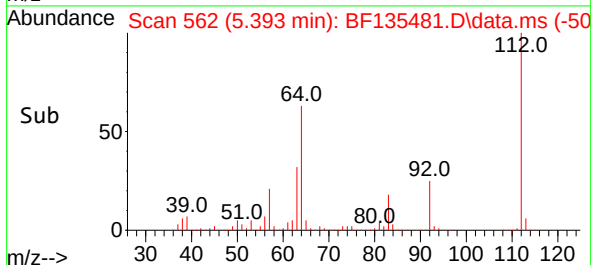
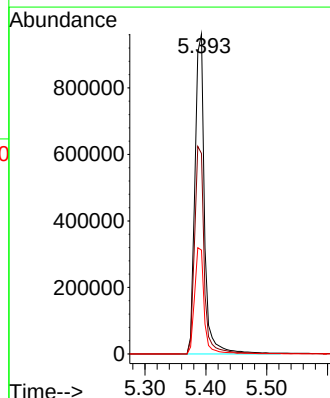
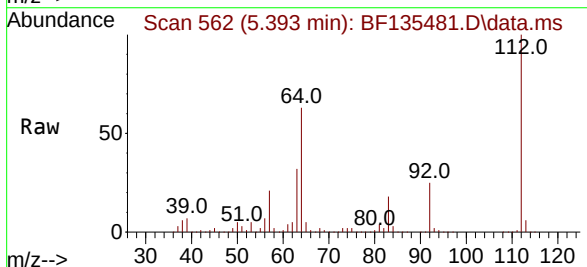
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

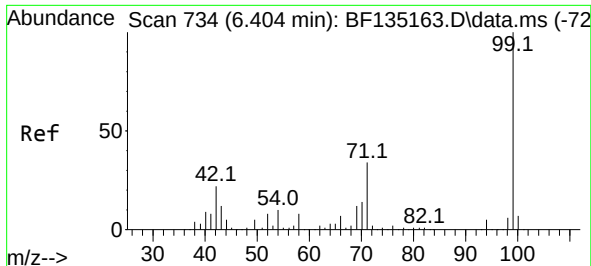
Tgt Ion:152 Resp: 156504
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.8 191.6
 115 62.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 109.186 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF135481.D
 Acq: 27 Sep 2023 19:36

Tgt Ion:112 Resp: 1050635
 Ion Ratio Lower Upper
 112 100
 64 62.7 55.9 83.9
 63 32.4 29.0 43.6





#7

Phenol-d6

Concen: 109.923 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

Instrument :

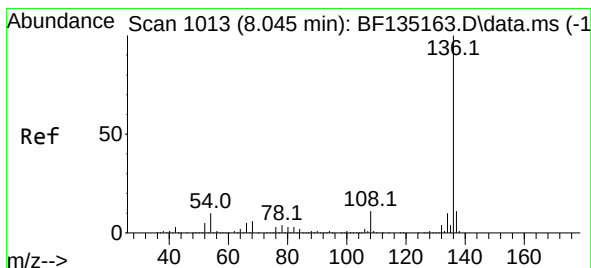
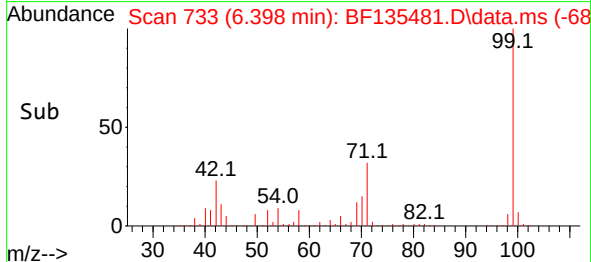
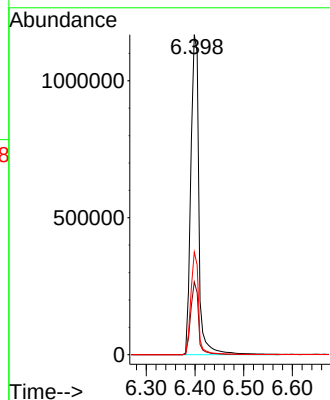
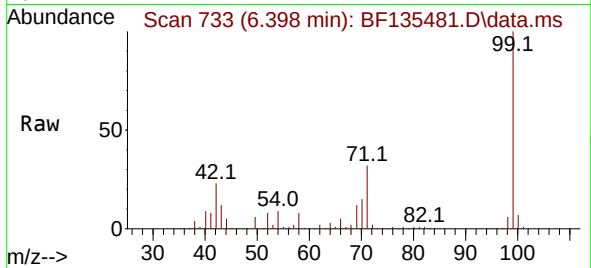
BNA_F

ClientSampleId :

TP-1

Tgt Ion: 99 Resp: 1344960

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	32.1	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

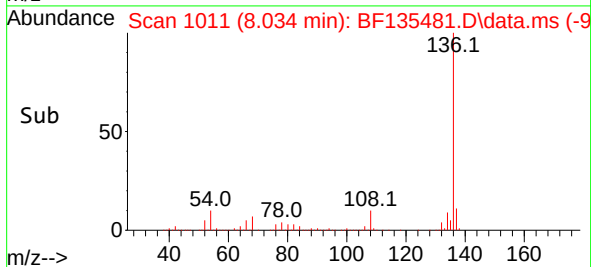
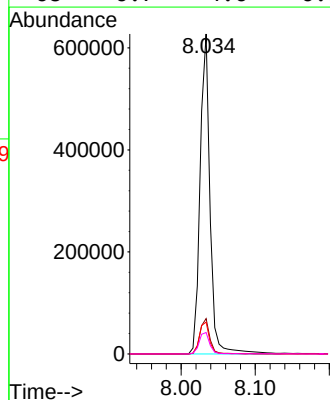
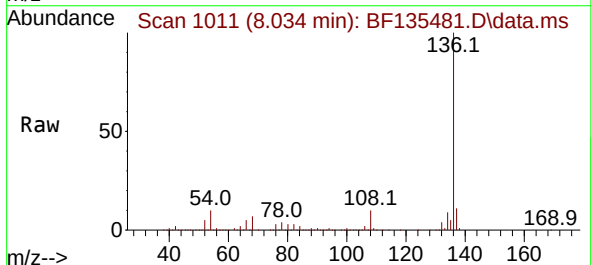
Delta R.T. 0.000 min

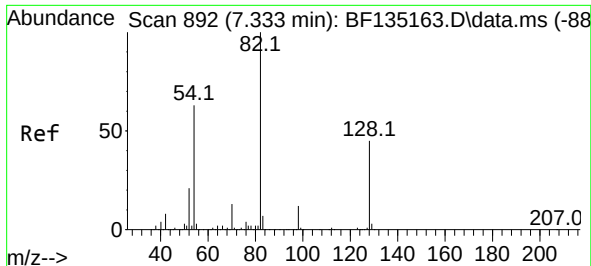
Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

Tgt Ion:136 Resp: 580590

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.9	7.7	11.5
68	6.7	4.6	6.8

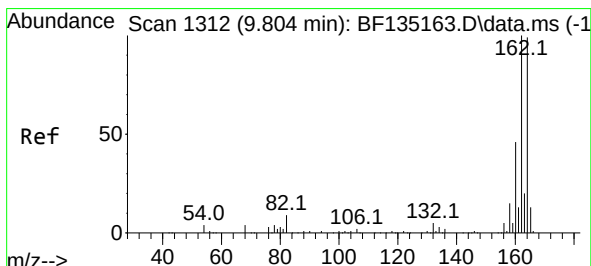
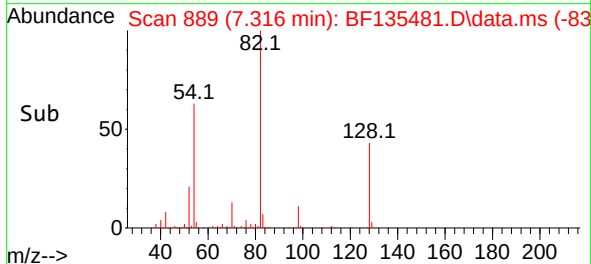
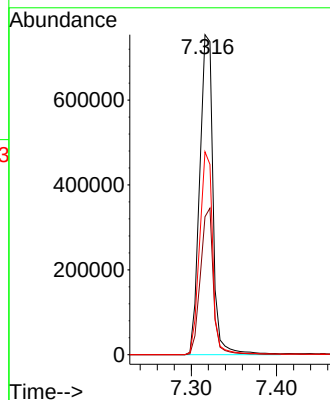
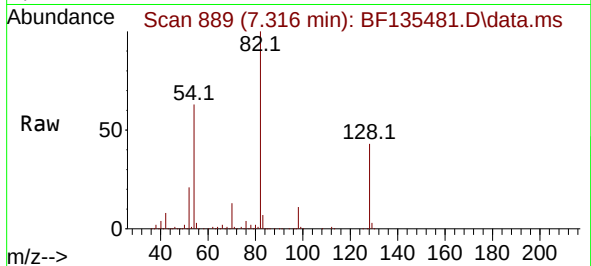




#23
Nitrobenzene-d5
Concen: 76.933 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

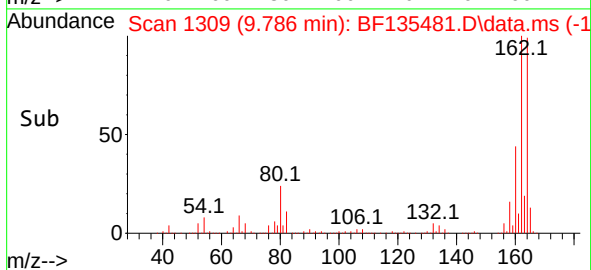
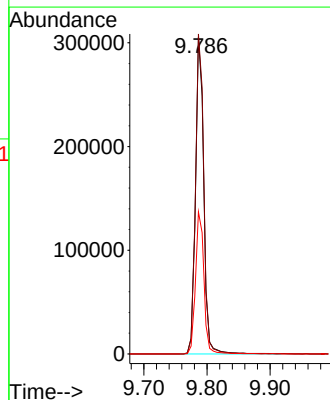
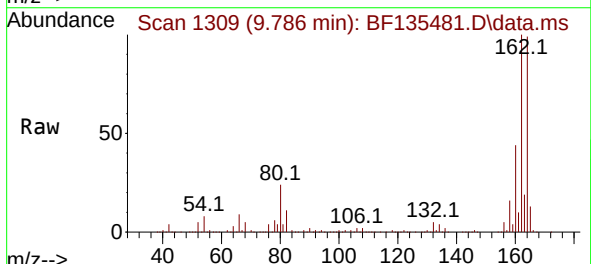
Instrument :
BNA_F
ClientSampleId :
TP-1

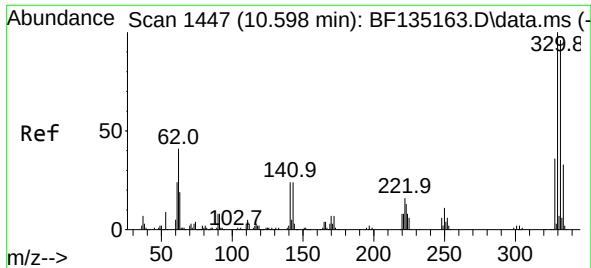
Tgt Ion: 82 Resp: 822144
Ion Ratio Lower Upper
82 100
128 43.1 35.8 53.6
54 63.4 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:164 Resp: 275698
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.8 37.0 55.4

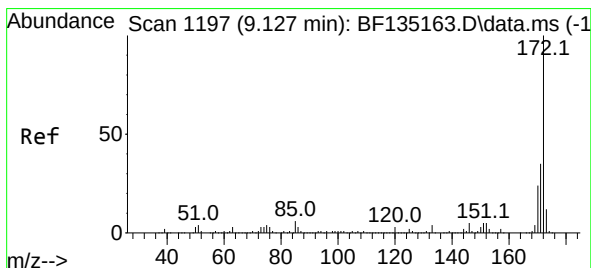
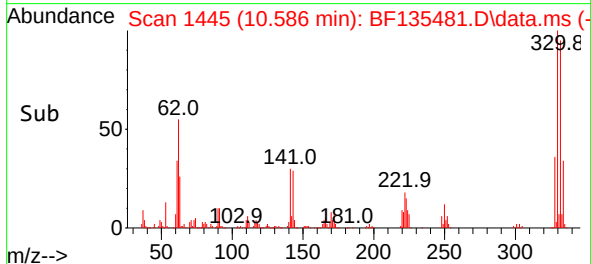
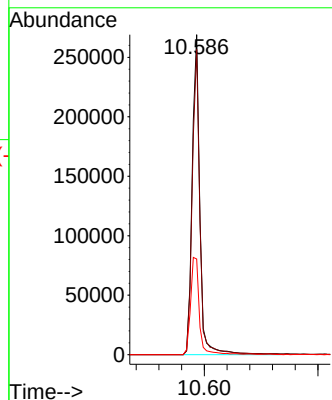
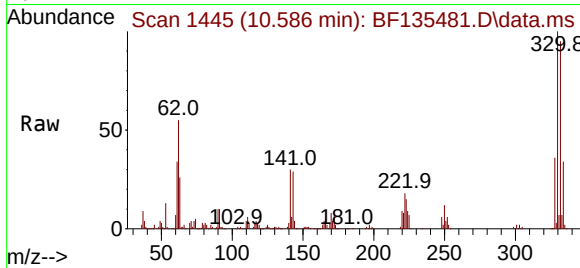




#42
 2,4,6-Tribromophenol
 Concen: 91.997 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF135481.D
 Acq: 27 Sep 2023 19:36

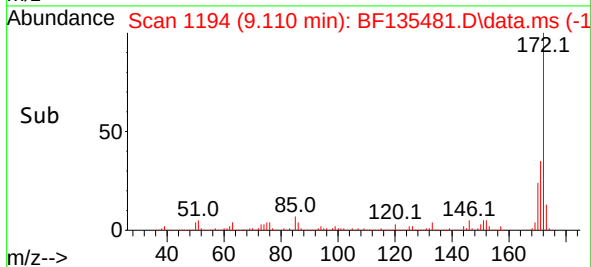
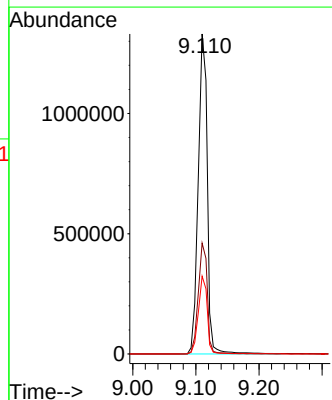
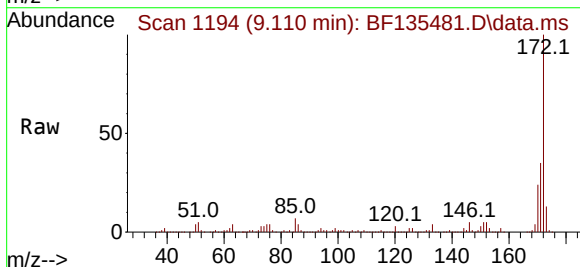
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

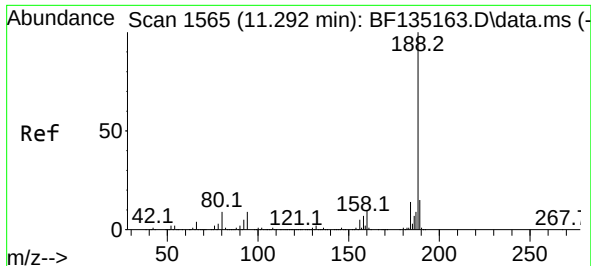
Tgt Ion:330 Resp: 252050
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.3 115.9
 141 34.7 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 72.599 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135481.D
 Acq: 27 Sep 2023 19:36

Tgt Ion:172 Resp: 1326653
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.4 42.6
 170 24.3 19.0 28.4

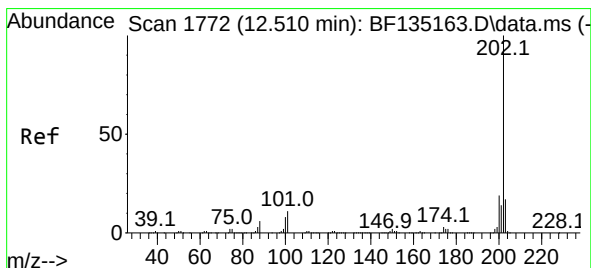
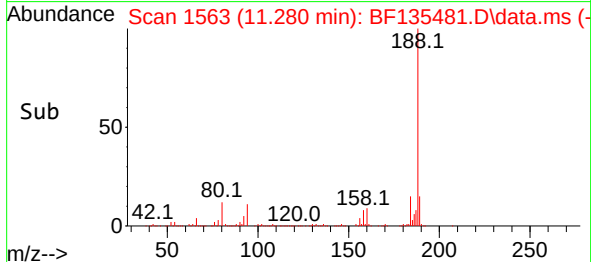
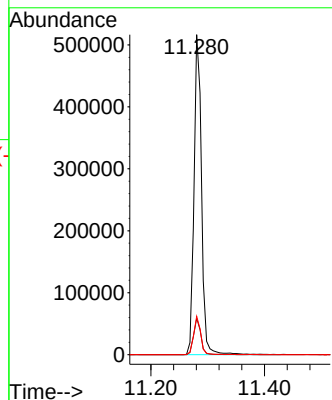
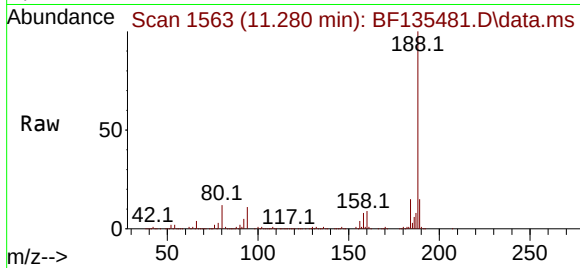




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

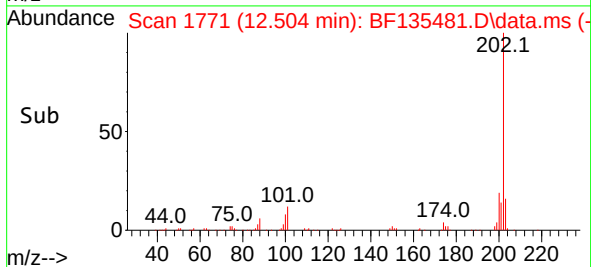
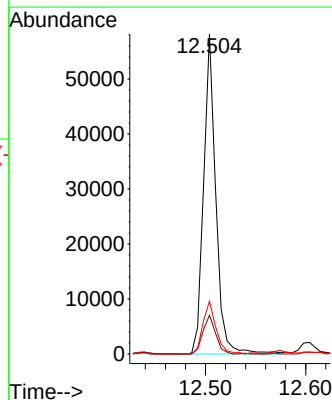
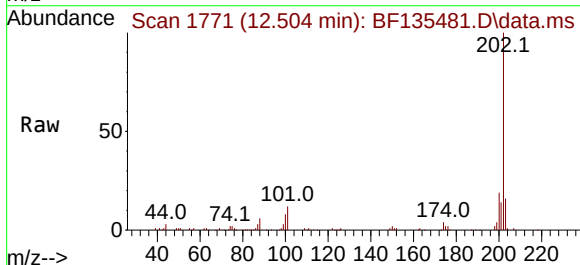
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BNA_F
ClientSampleId :
TP-1

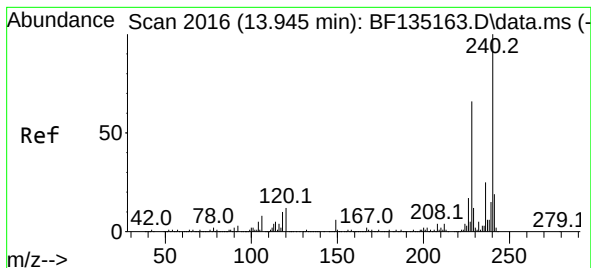
Tgt Ion:188 Resp: 475131
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 12.0 7.5 11.3#



#75
Fluoranthene
Concen: 2.113 ng
RT: 12.504 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BF135481.D
Acq: 27 Sep 2023 19:36

Tgt Ion:202 Resp: 49481
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.3
203 16.5 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

Instrument :

BNA_F

ClientSampleId :

TP-1

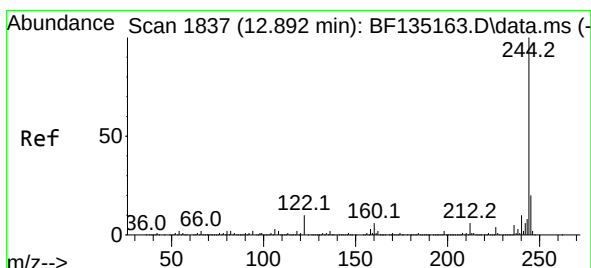
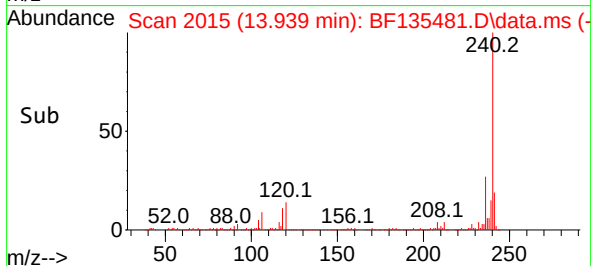
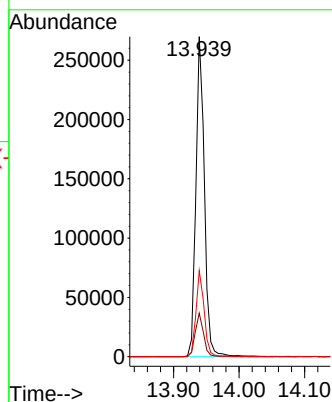
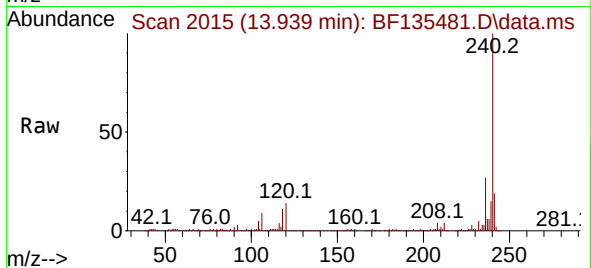
Tgt Ion:240 Resp: 244091

Ion Ratio Lower Upper

240 100

120 13.6 9.4 14.2

236 26.9 19.8 29.8



#79

Terphenyl-d14

Concen: 67.122 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF135481.D

Acq: 27 Sep 2023 19:36

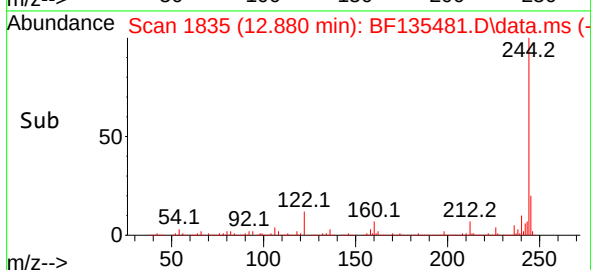
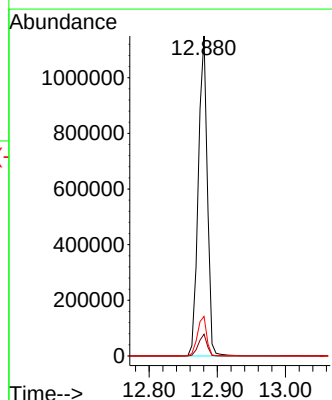
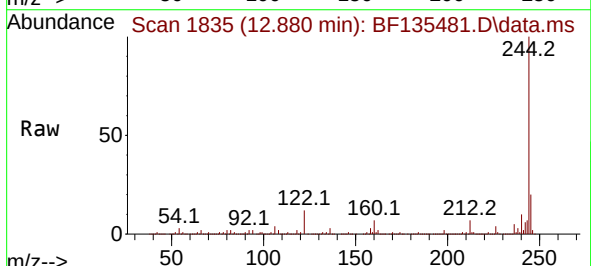
Tgt Ion:244 Resp: 1056890

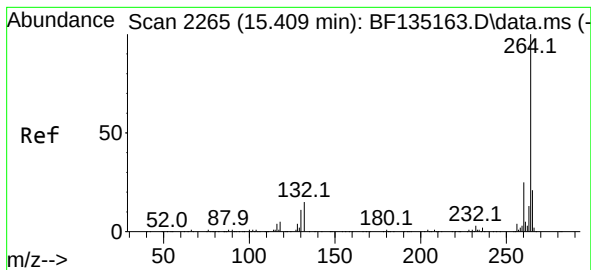
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 12.3 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135481.D

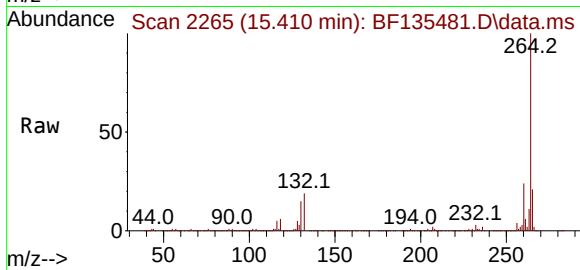
Acq: 27 Sep 2023 19:36

Instrument :

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Tgt Ion:264 Resp: 305214

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.3 17.0 25.4

