

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135299.D
 Acq On : 18 Sep 2023 11:12
 Operator : CG\JU
 Sample : PB155317BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BL

Quant Time: Sep 18 16:13:09 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	128985	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	489148	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	264950	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	528629	20.000	ng	0.00
76) Chrysene-d12	13.945	240	251721	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	256088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	945883	119.272	ng	0.02
7) Phenol-d6	6.404	99	1192657	118.271	ng	0.00
23) Nitrobenzene-d5	7.322	82	770696	85.601	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	339419	128.911	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1390253	79.166	ng	-0.01
79) Terphenyl-d14	12.892	244	1448598	89.210	ng	0.00

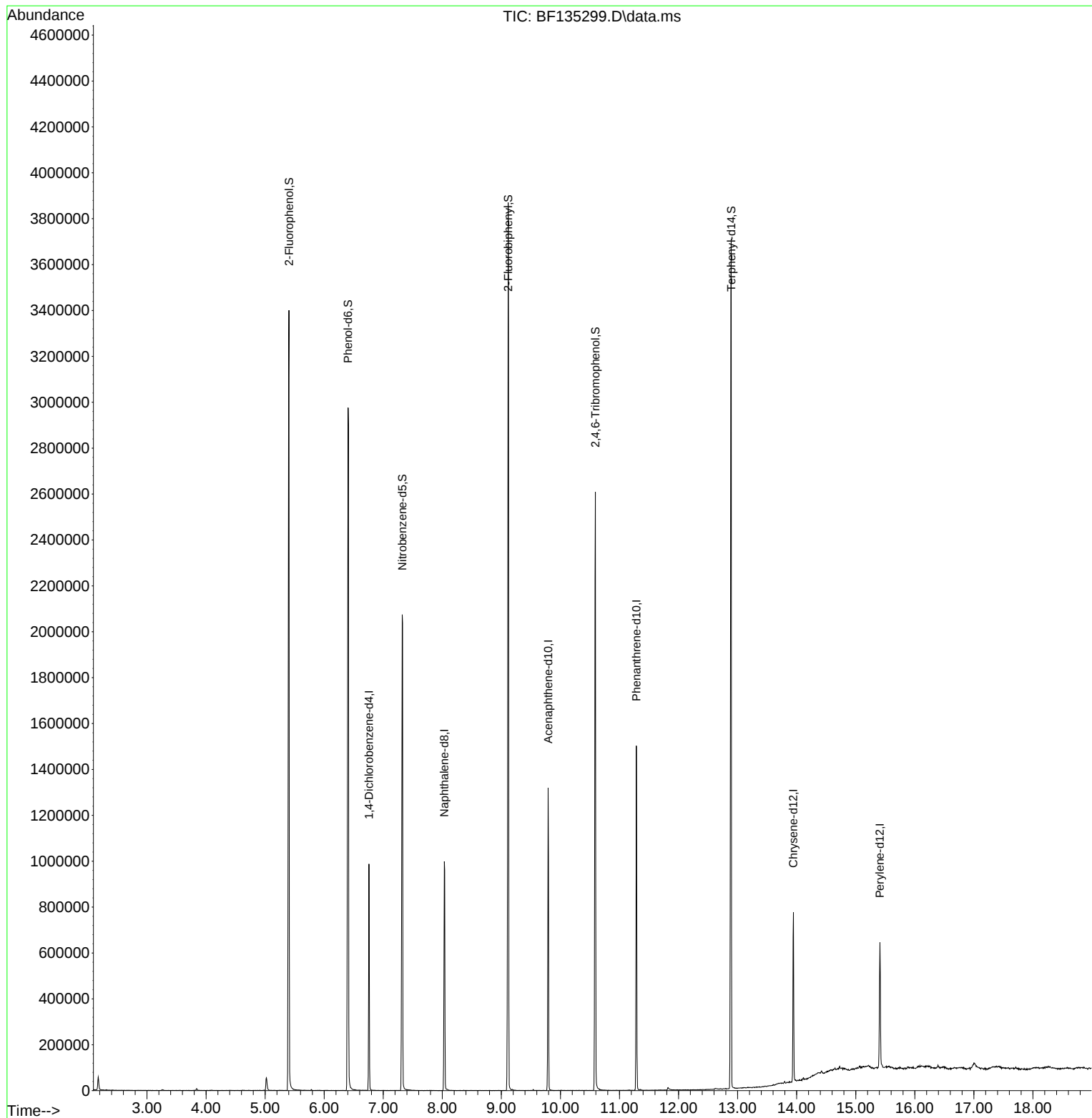
Target Compounds	Qvalue

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

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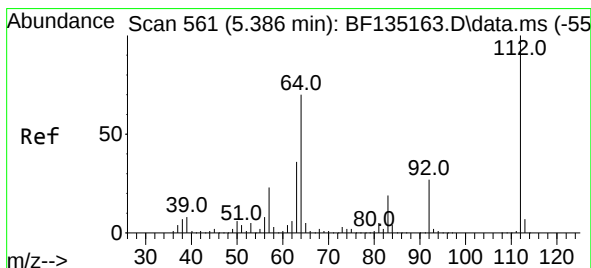
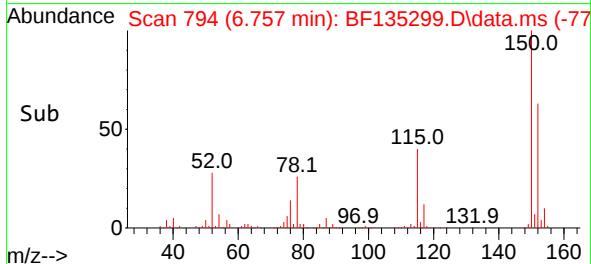
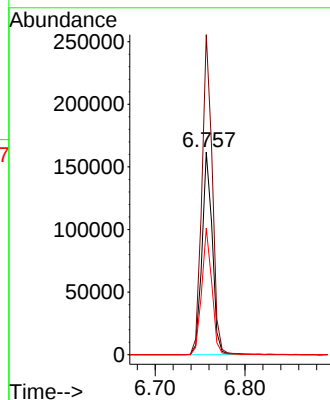
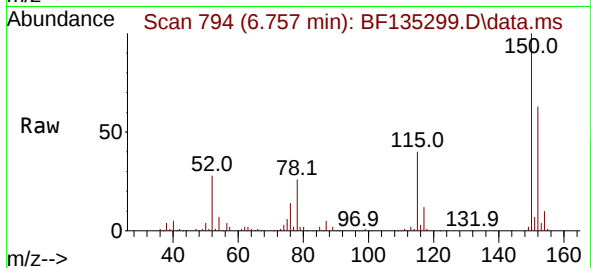




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

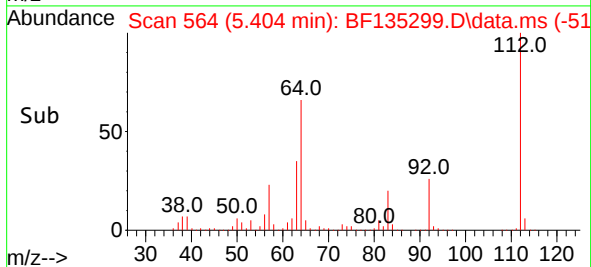
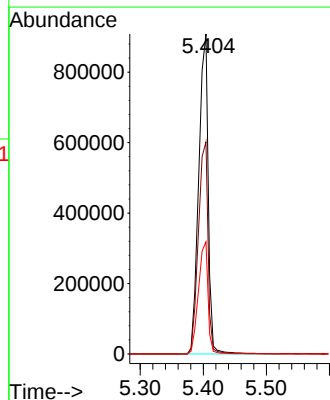
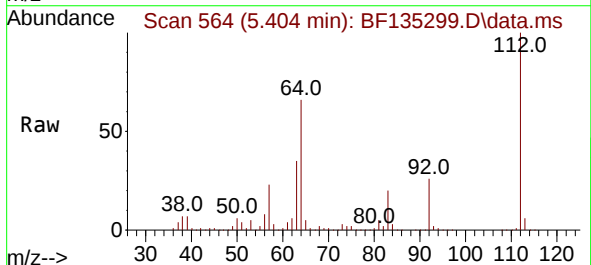
Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion:152 Resp: 128985
Ion Ratio Lower Upper
152 100
150 157.9 127.8 191.6
115 62.5 49.8 74.8



#5
2-Fluorophenol
Concen: 119.272 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion:112 Resp: 945883
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 35.0 29.0 43.6



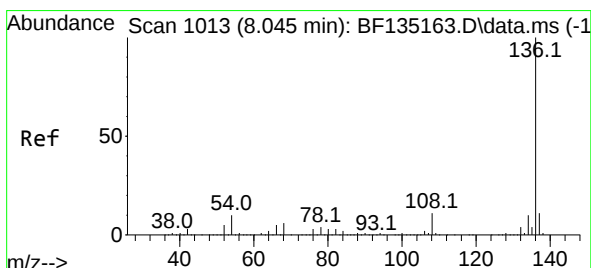
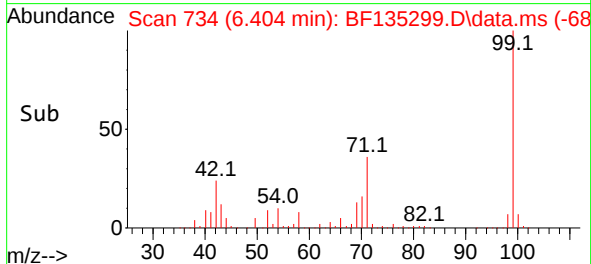
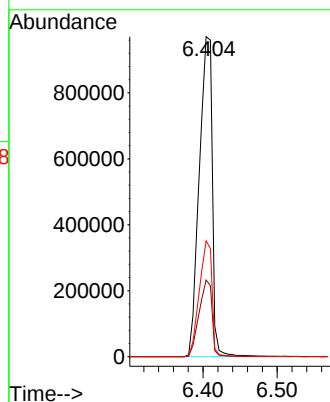
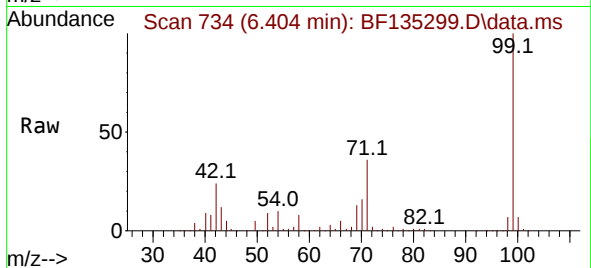


#7
Phenol-d6
Concen: 118.271 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion: 99 Resp: 1192657

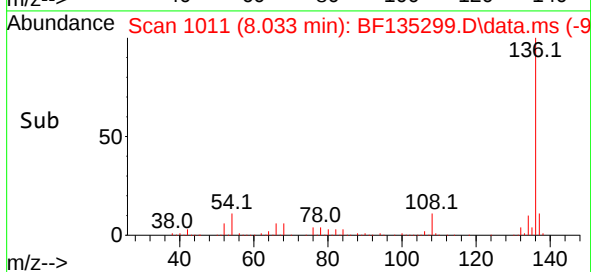
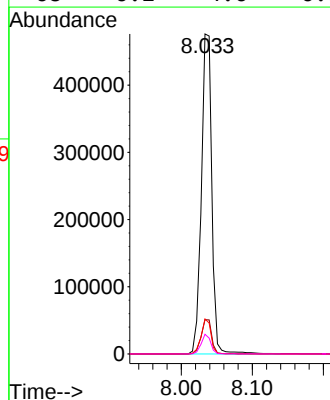
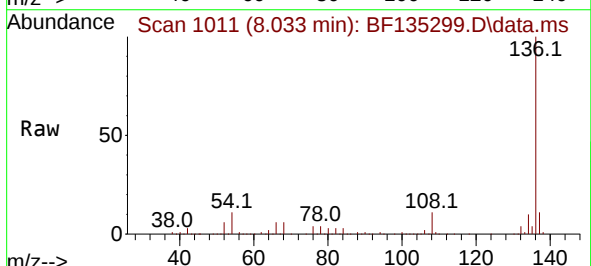
Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.9	26.9
71	36.2	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 136 Resp: 489148

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	11.0	7.7	11.5
68	6.2	4.6	6.8





#23

Nitrobenzene-d5

Concen: 85.601 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135299.D

Acq: 18 Sep 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB155317BL

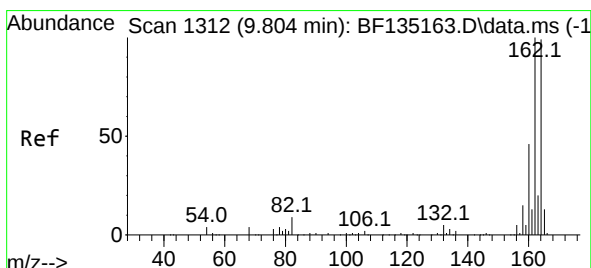
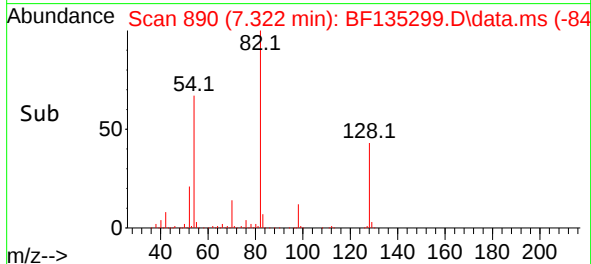
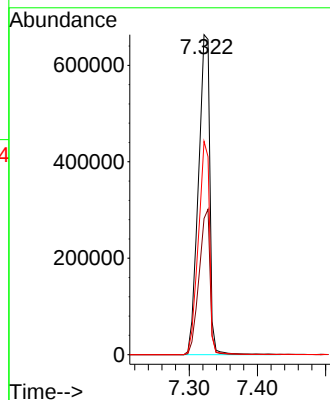
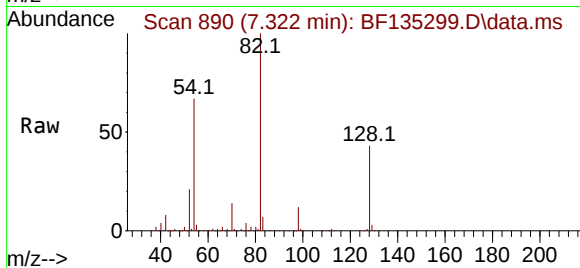
Tgt Ion: 82 Resp: 770696

Ion Ratio Lower Upper

82 100

128 42.5 35.8 53.6

54 66.6 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: BF135299.D

Acq: 18 Sep 2023 11:12

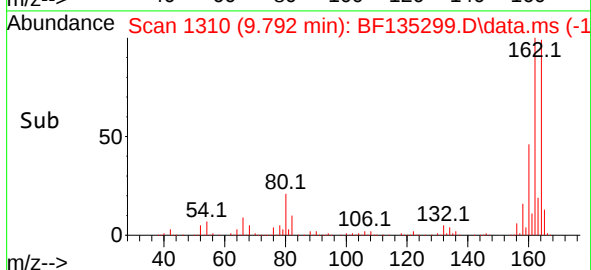
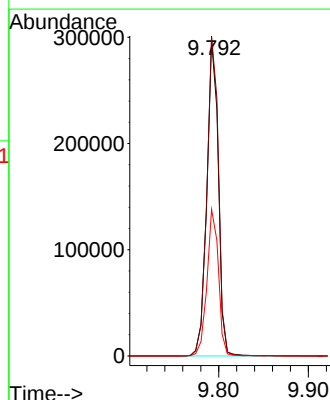
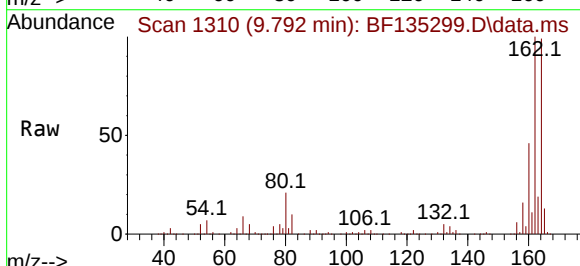
Tgt Ion: 164 Resp: 264950

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

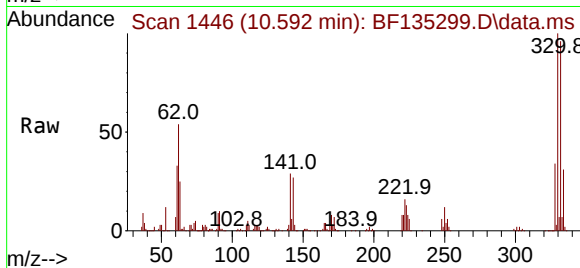
160 46.4 37.0 55.4



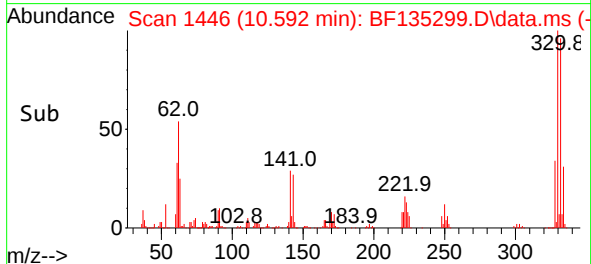
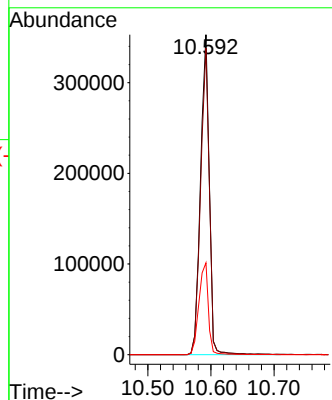


#42
 2,4,6-Tribromophenol
 Concen: 128.911 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF135299.D
 Acq: 18 Sep 2023 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BL

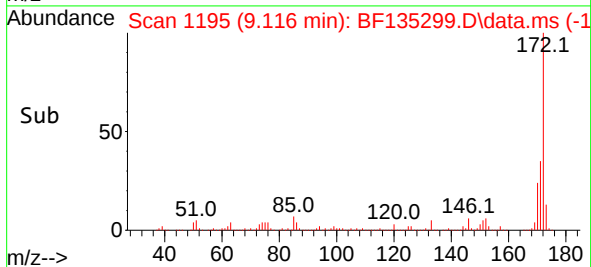
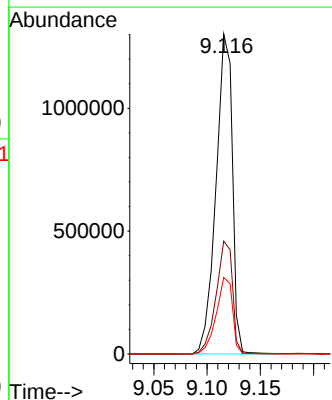
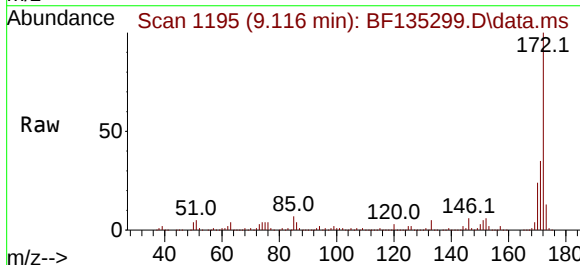


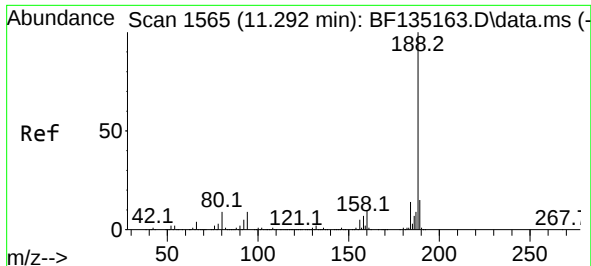
Tgt Ion:330 Resp: 339419
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 31.0 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 79.166 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135299.D
 Acq: 18 Sep 2023 11:12

Tgt Ion:172 Resp: 1390253
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.9 19.0 28.4

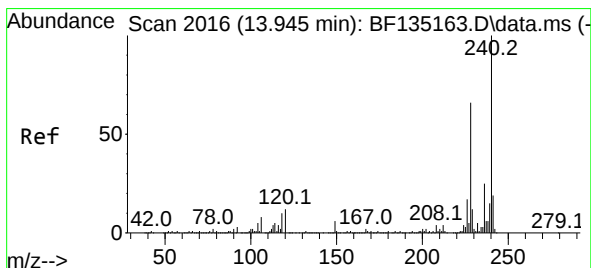
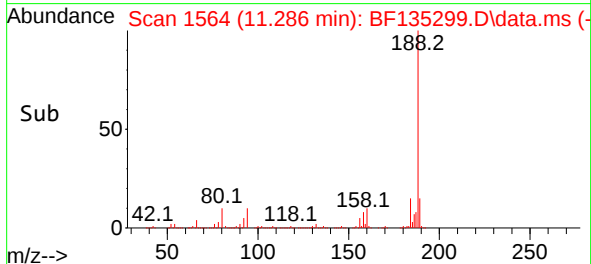
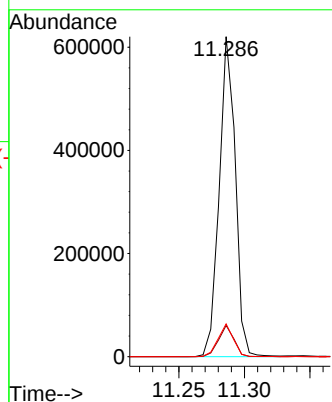
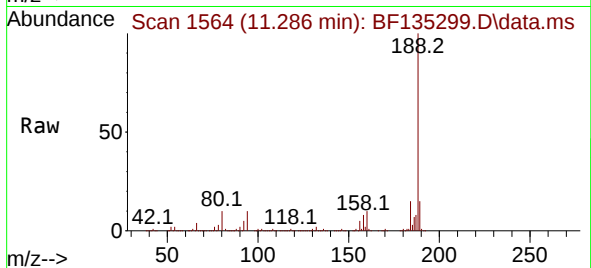




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

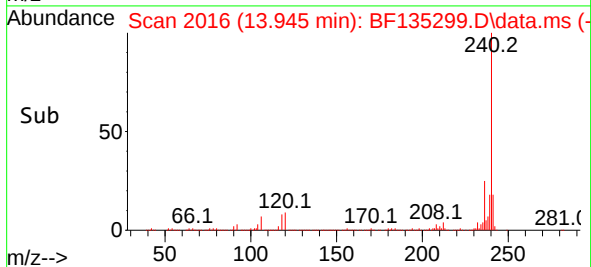
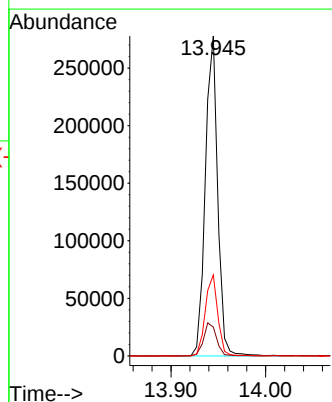
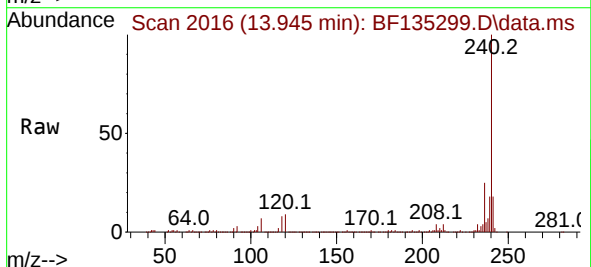
Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion:188 Resp: 528629
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

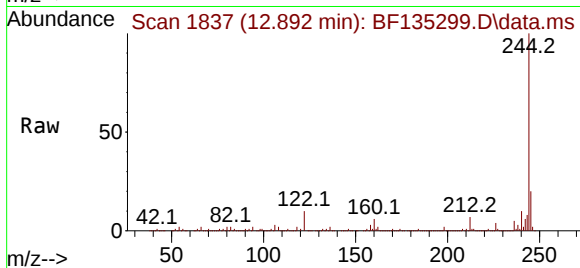
Tgt Ion:240 Resp: 251721
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.2#
236 25.3 19.8 29.8





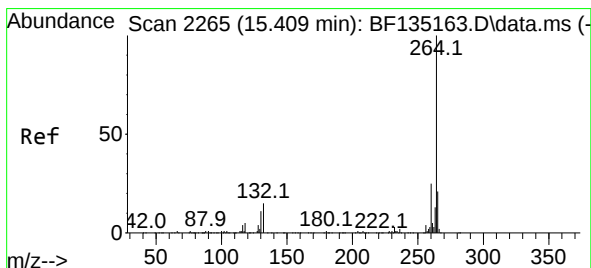
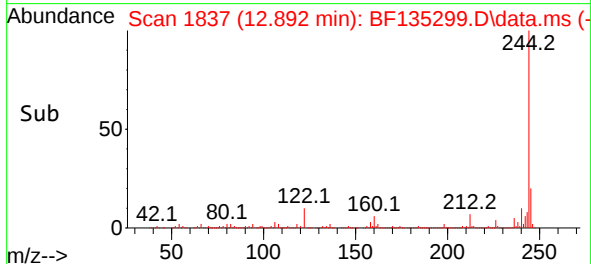
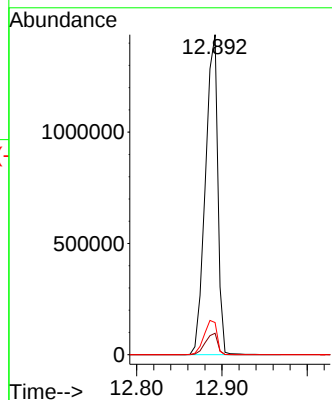
#79
 Terphenyl-d14
 Concen: 89.210 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF135299.D
 Acq: 18 Sep 2023 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BL



Tgt Ion:244 Resp: 1448598

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.1	7.7
122	10.1	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF135299.D
 Acq: 18 Sep 2023 11:12

Tgt Ion:264 Resp: 256088

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.0	17.0	25.4

