

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135429.D
 Acq On : 25 Sep 2023 16:19
 Operator : CG\JU
 Sample : 04540-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CENTRAL-M-R-HEATER

Quant Time: Sep 25 16:37:57 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	6.751	152	165625	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	639116	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	303749	20.000	ng	-0.02
64) Phenanthrene-d10	11.280	188	541333	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	263686	20.000	ng	0.00
86) Perylene-d12	15.404	264	318432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	648446	63.678	ng	0.00
7) Phenol-d6	6.398	99	531007	41.009	ng	0.00
23) Nitrobenzene-d5	7.322	82	1097235	93.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	364612	120.791	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1721225	85.493	ng	-0.02
79) Terphenyl-d14	12.880	244	1358782	79.882	ng	-0.01

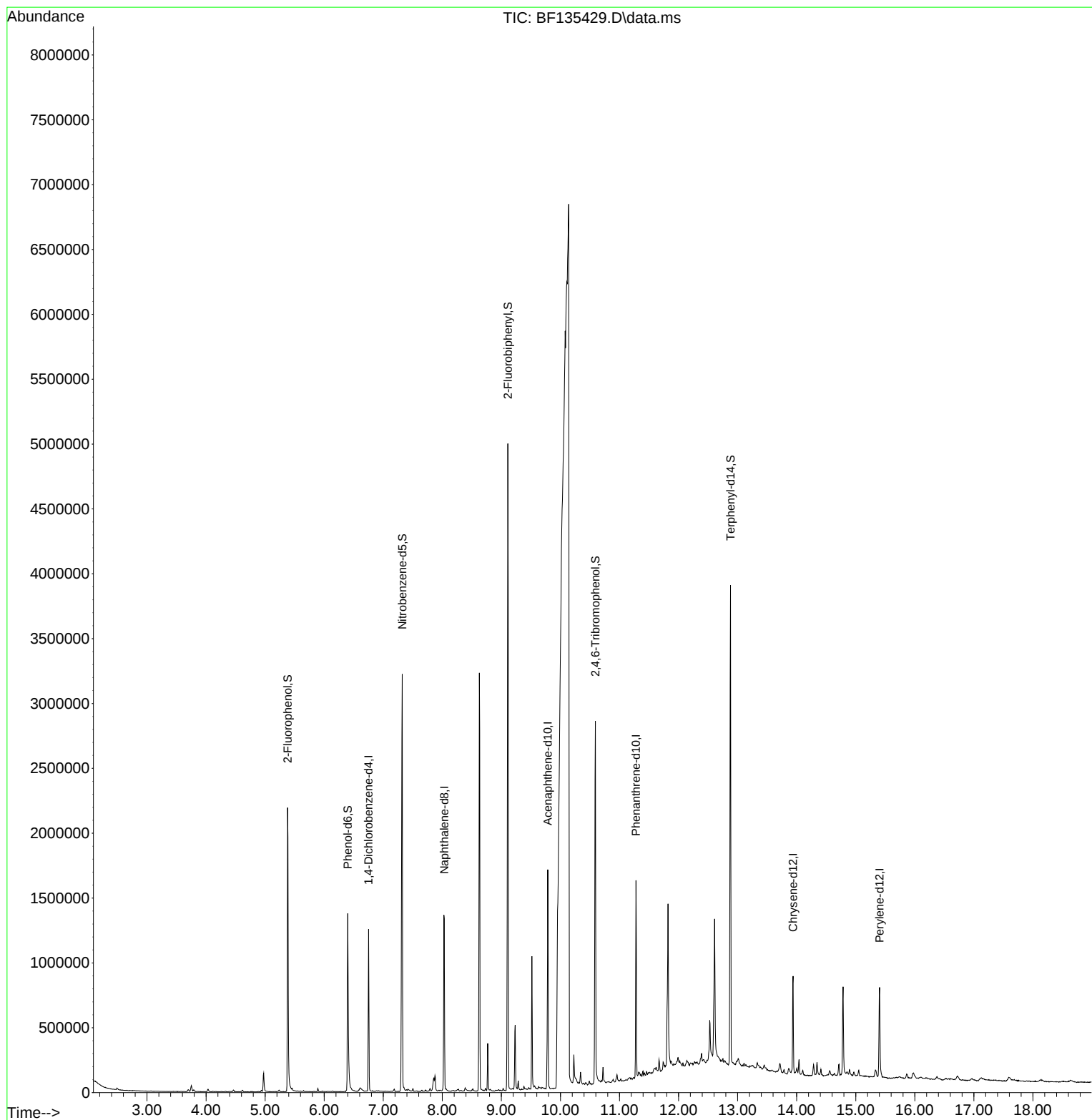
Target Compounds	Qvalue

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

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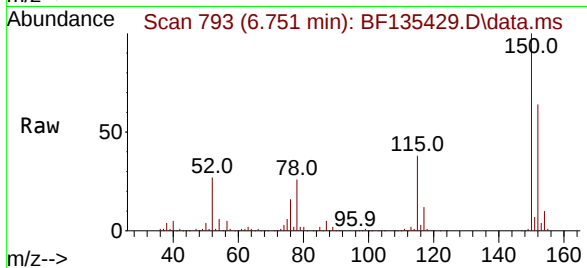
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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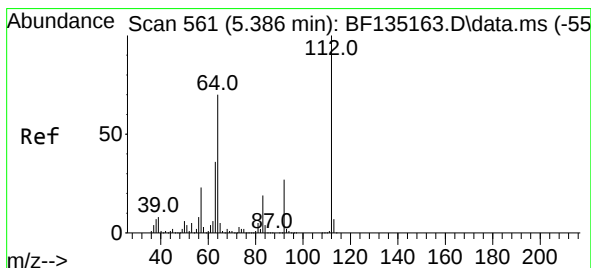
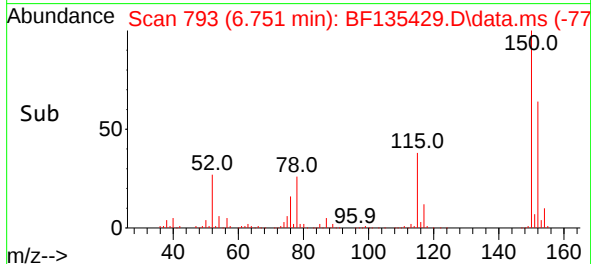
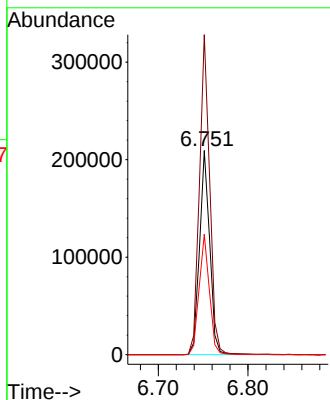


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Instrument :
BNA_F
ClientSampleId :
CENTRAL-M-R-HEATER

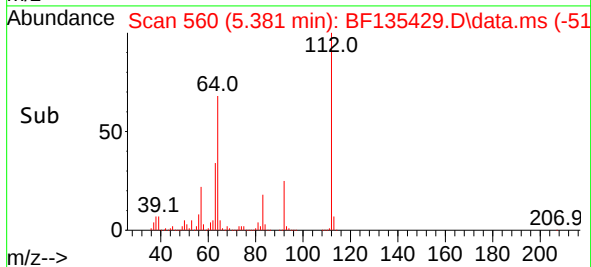
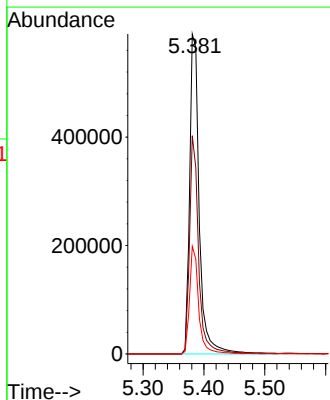
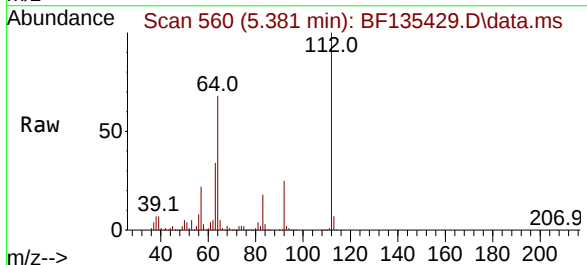


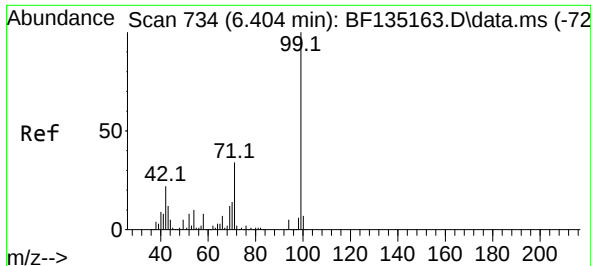
Tgt Ion:152 Resp: 165625
Ion Ratio Lower Upper
152 100
150 156.7 127.8 191.6
115 58.9 49.8 74.8



#5
2-Fluorophenol
Concen: 63.678 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Tgt Ion:112 Resp: 648446
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 33.7 29.0 43.6

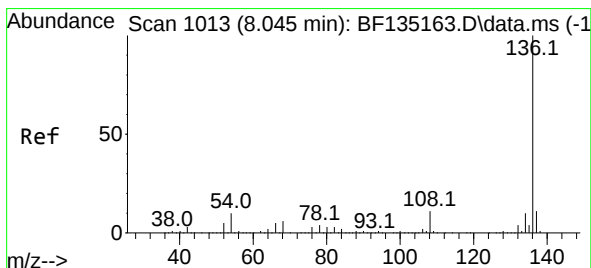
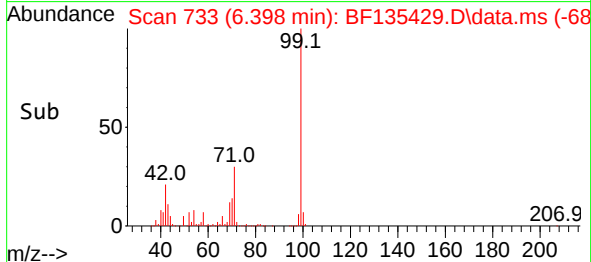
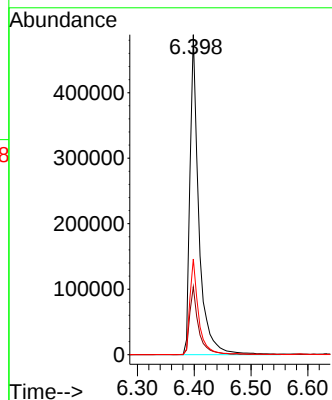
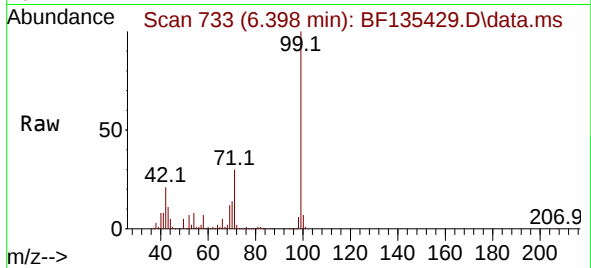




#7
Phenol-d6
Concen: 41.009 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

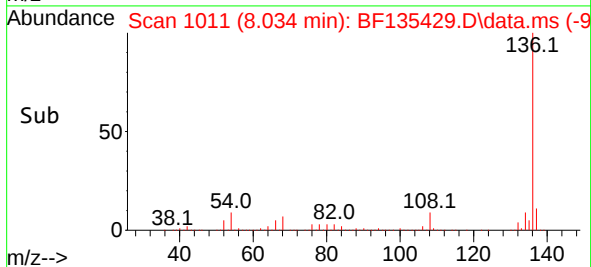
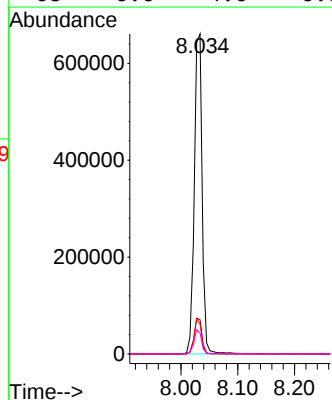
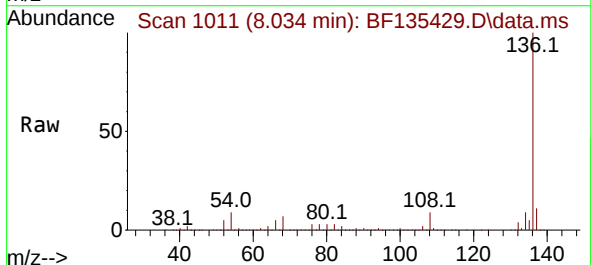
Instrument :
BNA_F
ClientSampleId :
CENTRAL-M-R-HEATER

Tgt Ion: 99 Resp: 531007
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 29.9 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: BF135429.D
Acq: 25 Sep 2023 16:19

Tgt Ion: 136 Resp: 639116
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.3 7.7 11.5
68 6.6 4.6 6.8

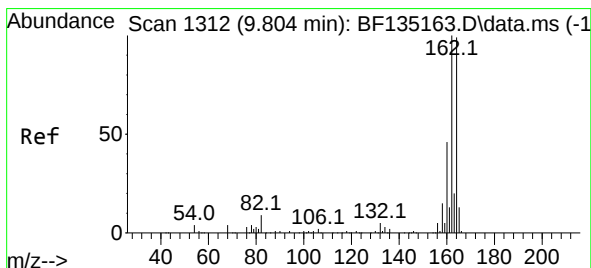
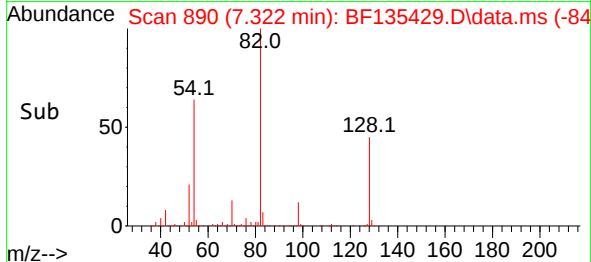
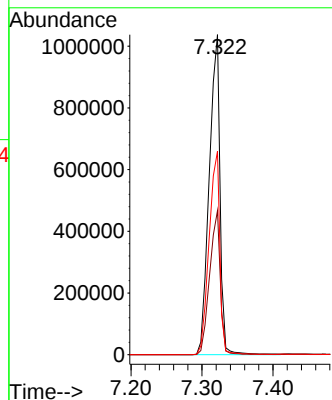
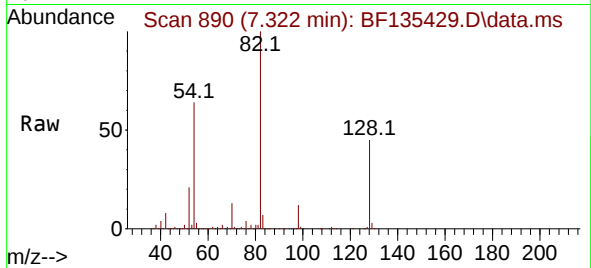




#23
Nitrobenzene-d5
Concen: 93.273 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

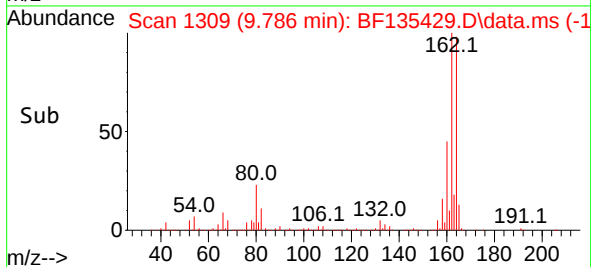
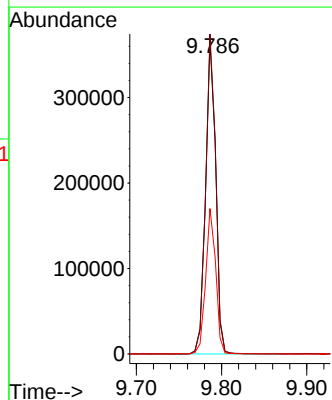
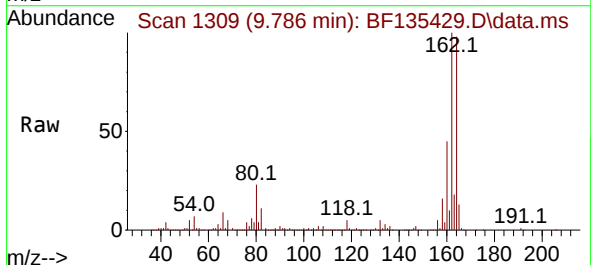
Instrument :
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ClientSampleId :
CENTRAL-M-R-HEATER

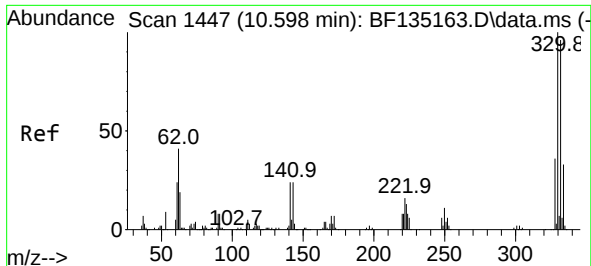
Tgt Ion: 82 Resp: 1097235
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.6
54 63.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Tgt Ion:164 Resp: 303749
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 120.791 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135429.D

Acq: 25 Sep 2023 16:19

Instrument :

BNA_F

ClientSampleId :

CENTRAL-M-R-HEATER

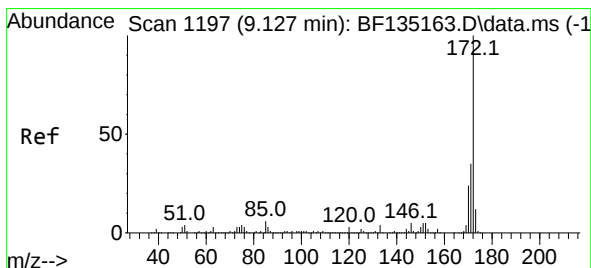
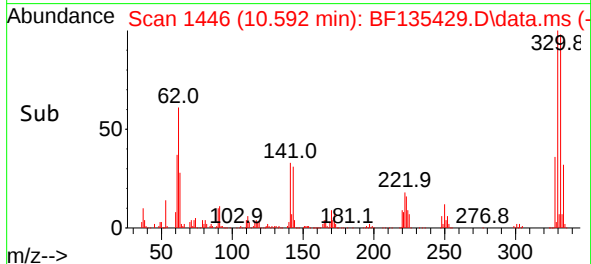
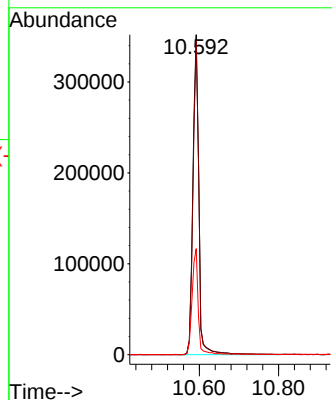
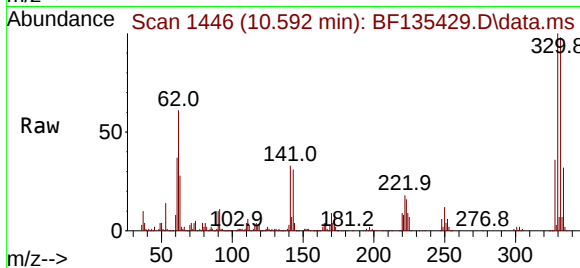
Tgt Ion:330 Resp: 364612

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 34.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.493 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.018 min

Lab File: BF135429.D

Acq: 25 Sep 2023 16:19

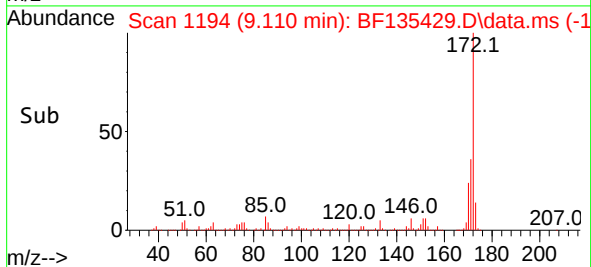
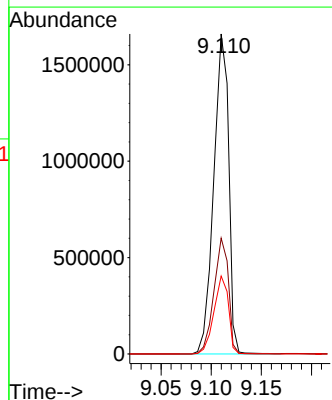
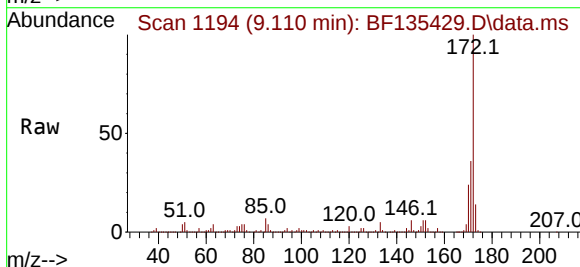
Tgt Ion:172 Resp: 1721225

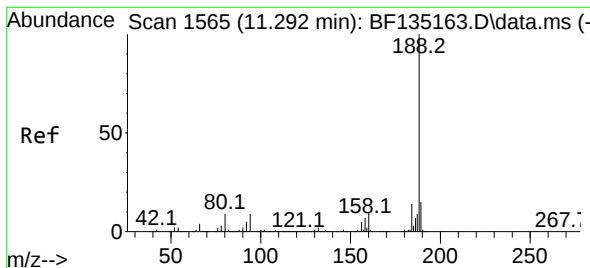
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135429.D

Acq: 25 Sep 2023 16:19

Instrument :

BNA_F

ClientSampleId :

CENTRAL-M-R-HEATER

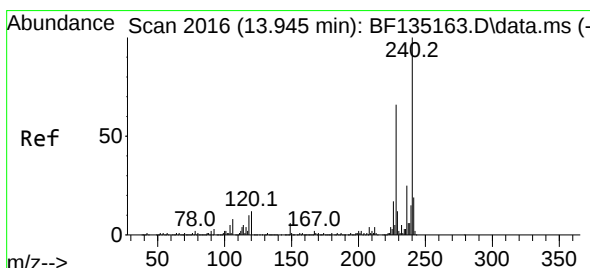
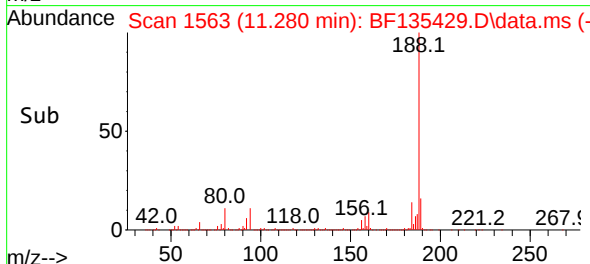
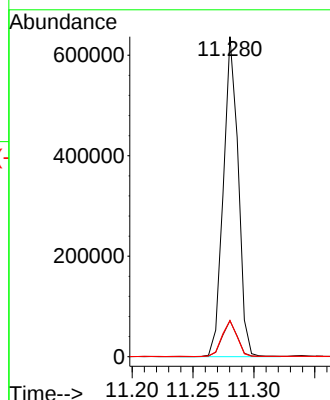
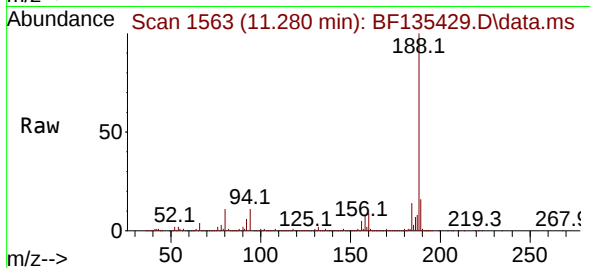
Tgt Ion:188 Resp: 541333

Ion Ratio Lower Upper

188 100

94 11.3 7.0 10.6#

80 11.3 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: BF135429.D

Acq: 25 Sep 2023 16:19

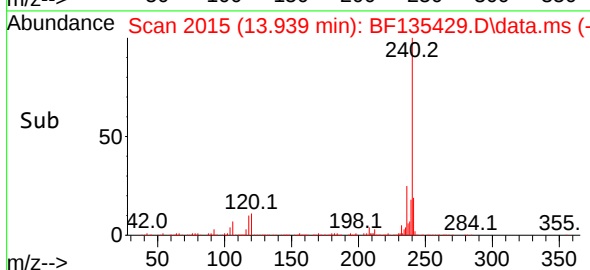
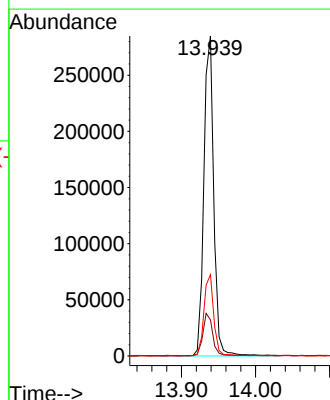
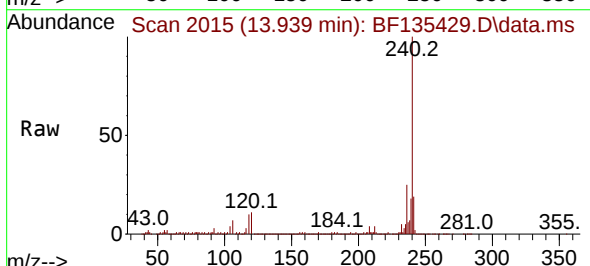
Tgt Ion:240 Resp: 263686

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

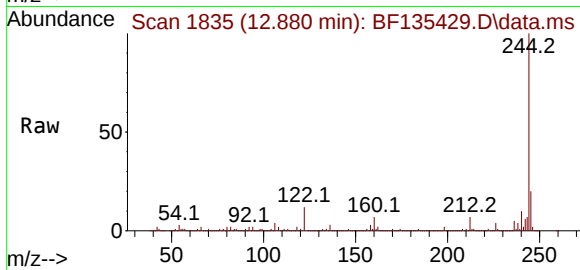
236 25.4 19.8 29.8





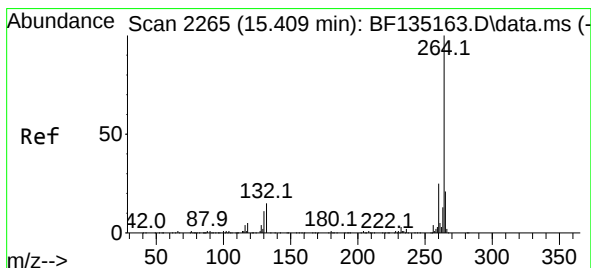
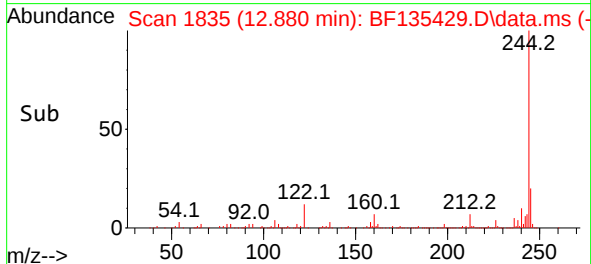
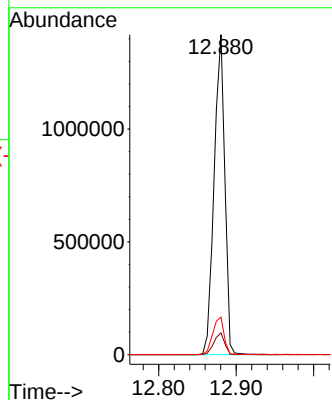
#79
 Terphenyl-d14
 Concen: 79.882 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135429.D
 Acq: 25 Sep 2023 16:19

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1358782

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.8	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: BF135429.D
 Acq: 25 Sep 2023 16:19

Tgt Ion:264 Resp: 318432

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.0	17.0	25.4

