

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135528.D
 Acq On : 02 Oct 2023 15:34
 Operator : CG\JU
 Sample : 04668-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027

Quant Time: Oct 03 02:55:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

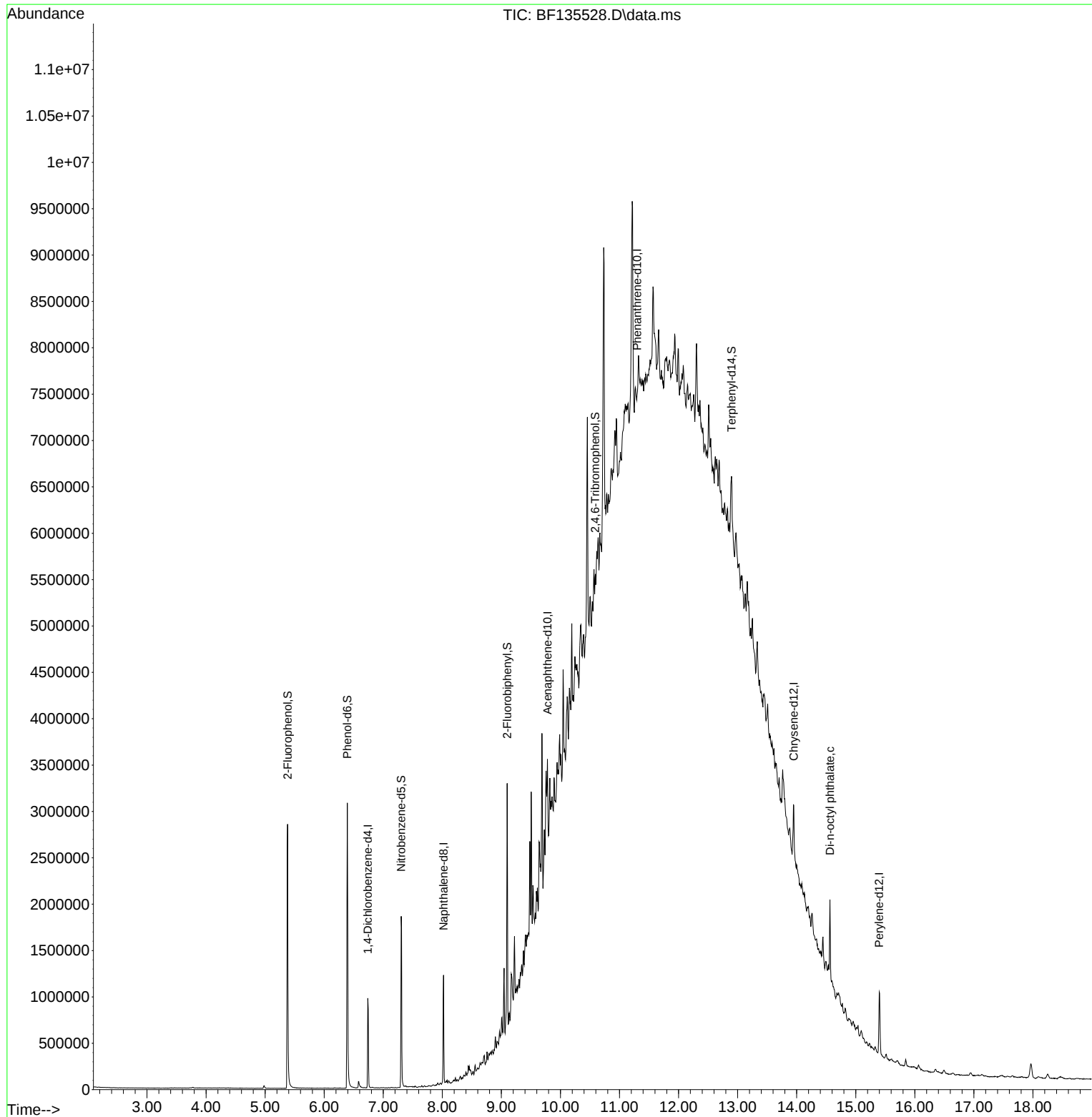
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	144005	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	498953	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	163956	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	134554	20.000	ng	# 0.02
76) Chrysene-d12	13.951	240	211226	20.000	ng	# 0.02
86) Perylene-d12	15.398	264	318381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	837221	94.559	ng	0.00
7) Phenol-d6	6.392	99	1023510	90.911	ng	-0.01
23) Nitrobenzene-d5	7.304	82	599454	65.273	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	107510	65.984	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	837648	77.080	ng	-0.01
79) Terphenyl-d14	12.898	244	411953	30.233	ng	0.02
Target Compounds						
85) Di-n-octyl phthalate	14.563	149	77359	6.700	ng	# 36

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

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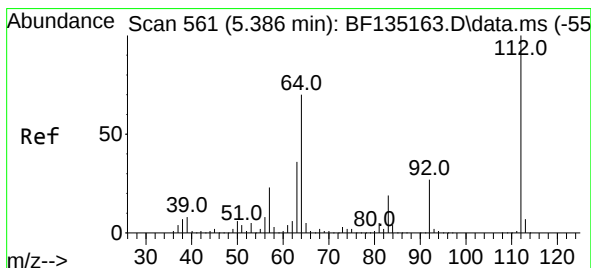
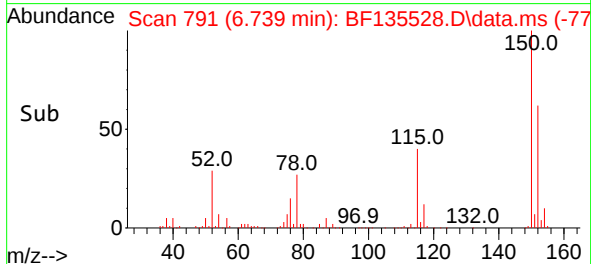
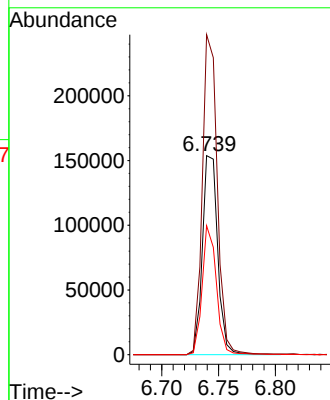
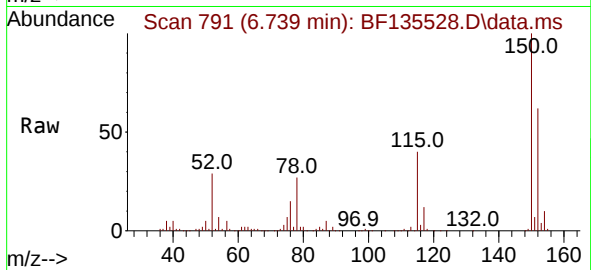




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135528.D
Acq: 02 Oct 2023 15:34

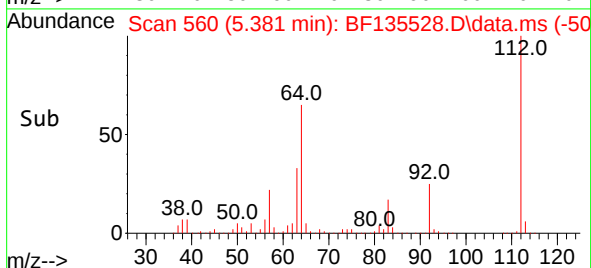
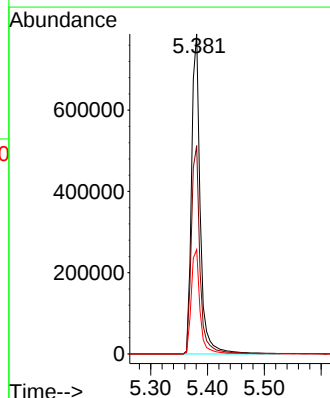
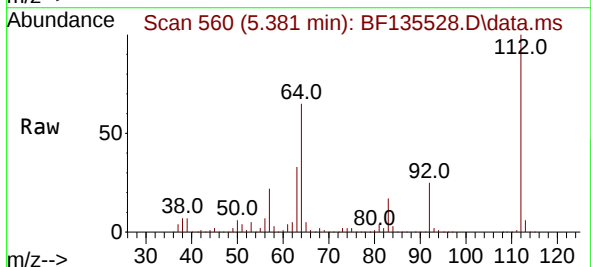
Instrument :
BNA_F
ClientSampleId :
RBR200027

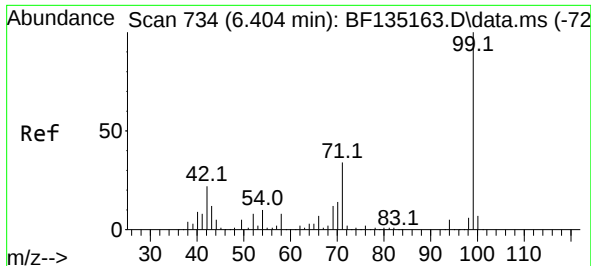
Tgt Ion:152 Resp: 144005
Ion Ratio Lower Upper
152 100
150 160.8 127.8 191.6
115 64.8 49.8 74.8



#5
2-Fluorophenol
Concen: 94.559 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF135528.D
Acq: 02 Oct 2023 15:34

Tgt Ion:112 Resp: 837221
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 32.6 29.0 43.6

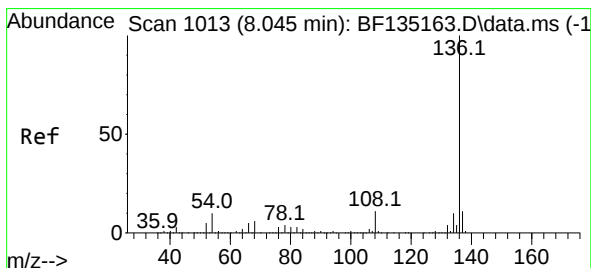
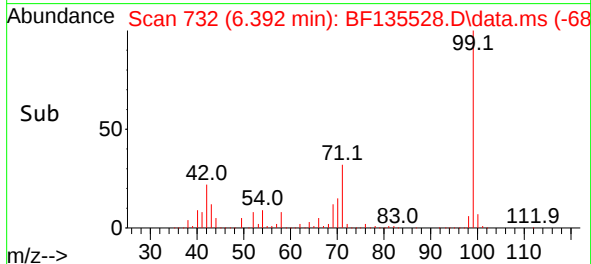
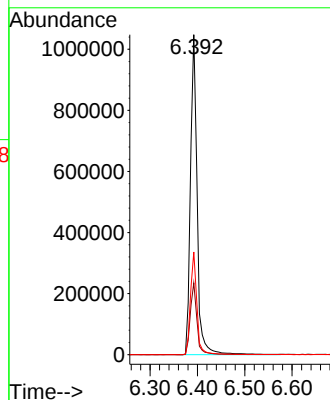
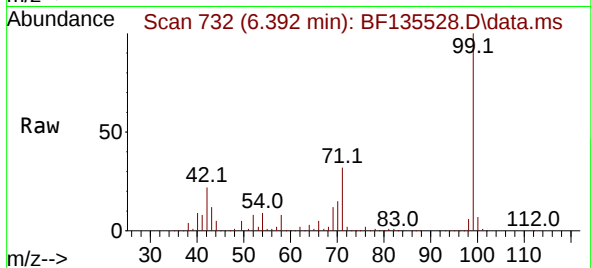




#7
Phenol-d6
Concen: 90.911 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135528.D
Acq: 02 Oct 2023 15:34

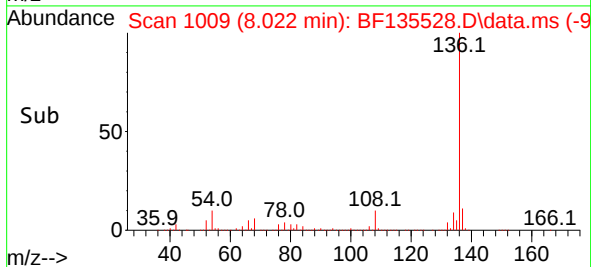
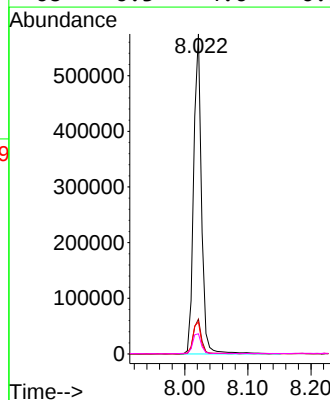
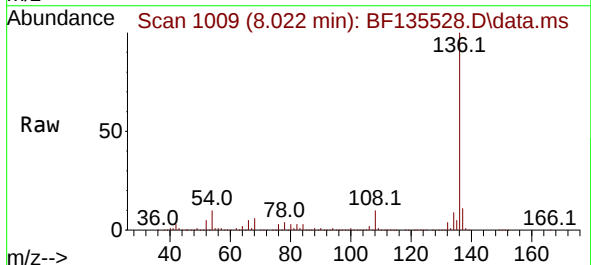
Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion: 99 Resp: 1023510
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 32.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135528.D
Acq: 02 Oct 2023 15:34

Tgt Ion:136 Resp: 498953
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.0 7.7 11.5
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.273 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF135528.D

Acq: 02 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

RBR200027

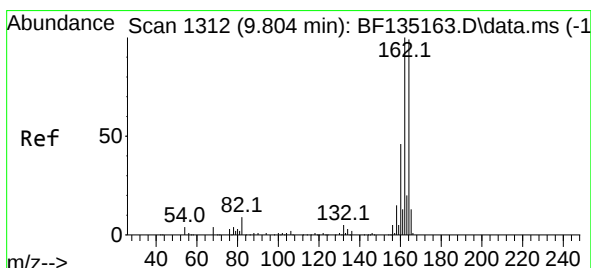
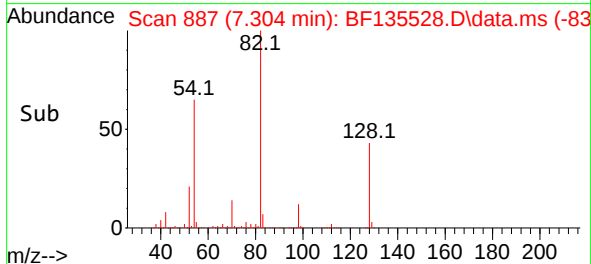
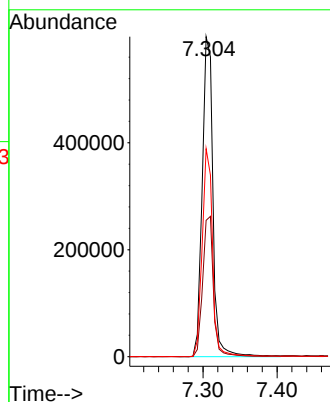
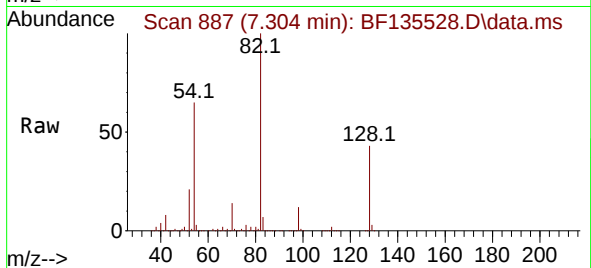
Tgt Ion: 82 Resp: 599454

Ion Ratio Lower Upper

82 100

128 42.6 35.8 53.6

54 65.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF135528.D

Acq: 02 Oct 2023 15:34

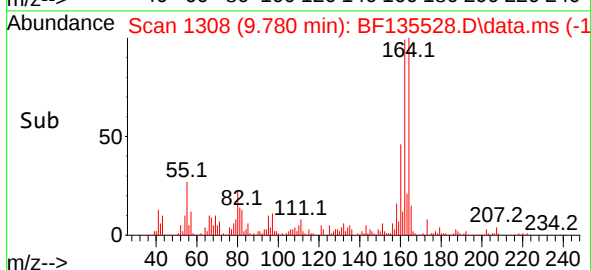
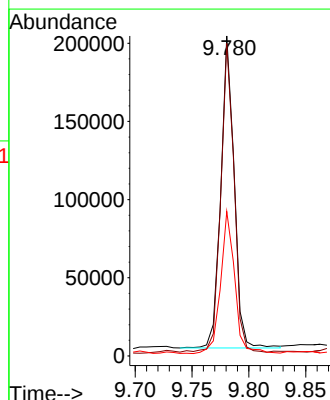
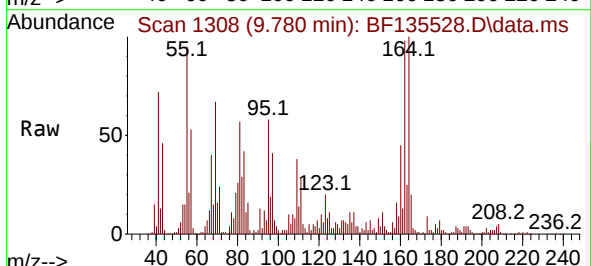
Tgt Ion:164 Resp: 163956

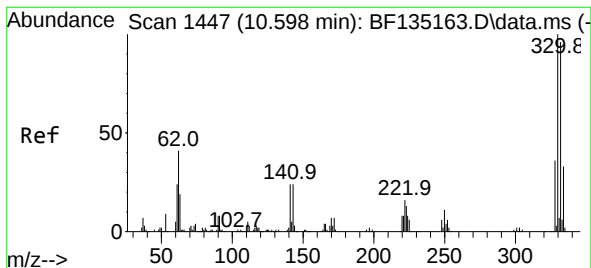
Ion Ratio Lower Upper

164 100

162 97.7 81.0 121.4

160 45.1 37.0 55.4

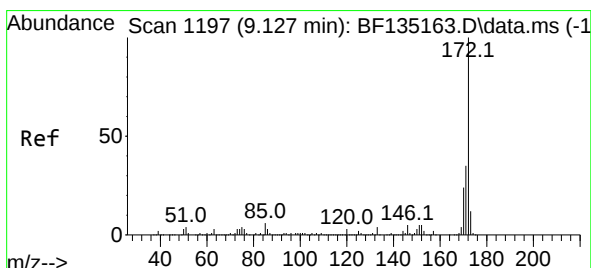
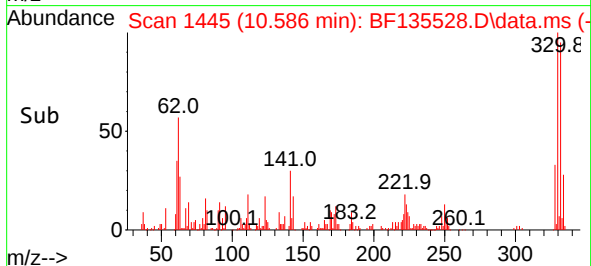
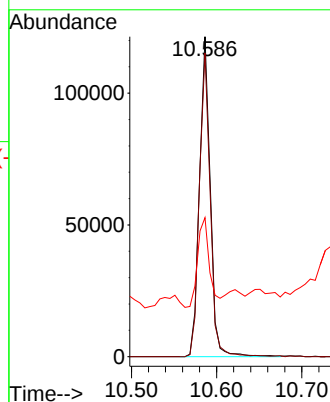
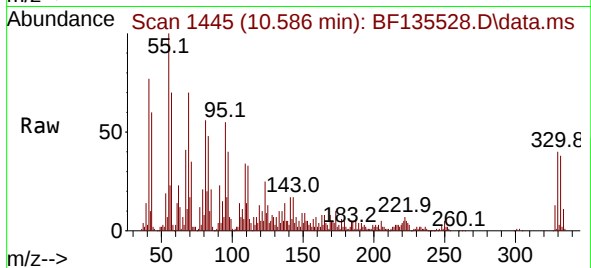




#42
2,4,6-Tribromophenol
Concen: 65.984 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF135528.D
Acq: 02 Oct 2023 15:34

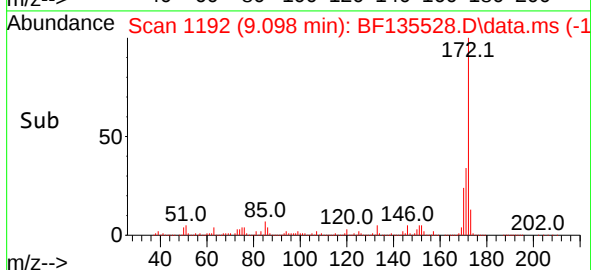
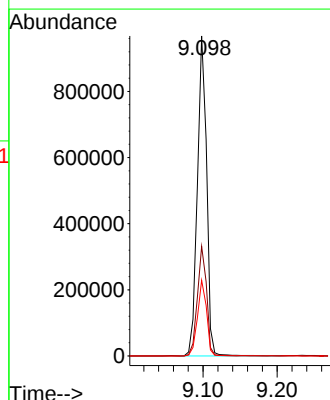
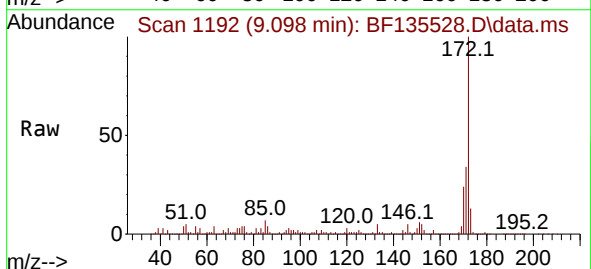
Instrument :
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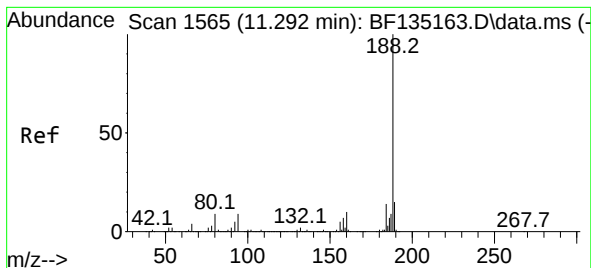
Tgt Ion:330 Resp: 107510
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 30.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.080 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF135528.D
Acq: 02 Oct 2023 15:34

Tgt Ion:172 Resp: 837648
Ion Ratio Lower Upper
172 100
171 34.2 28.4 42.6
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF135528.D

Acq: 02 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

RBR200027

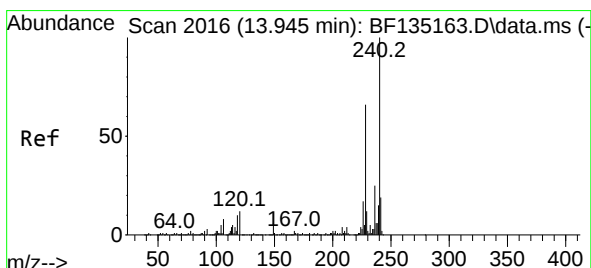
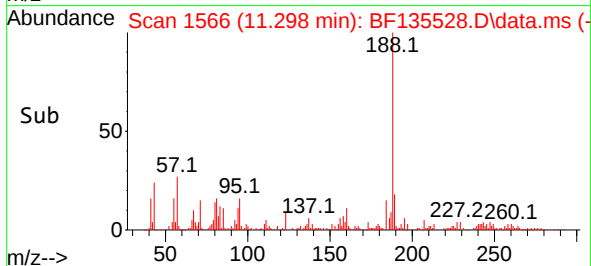
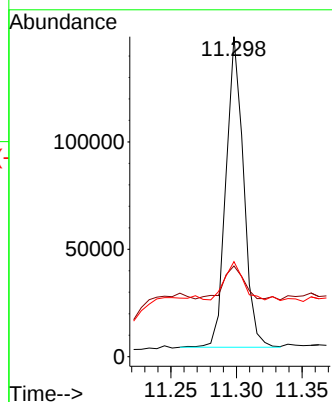
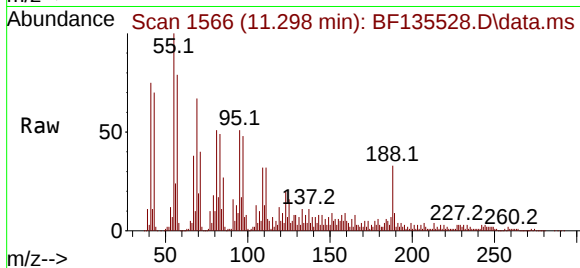
Tgt Ion:188 Resp: 134554

Ion Ratio Lower Upper

188 100

94 28.4 7.0 10.6#

80 29.7 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.018 min

Lab File: BF135528.D

Acq: 02 Oct 2023 15:34

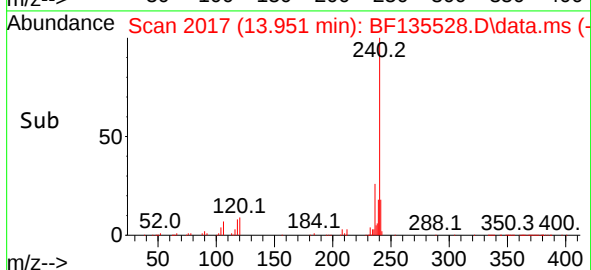
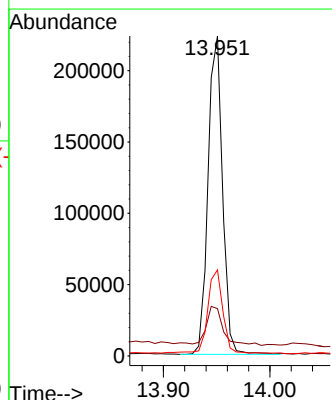
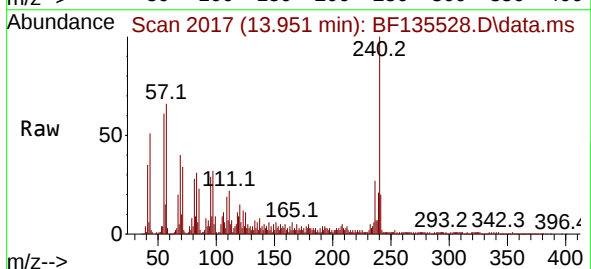
Tgt Ion:240 Resp: 211226

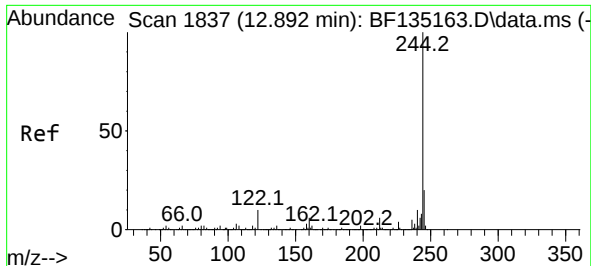
Ion Ratio Lower Upper

240 100

120 14.8 9.4 14.2#

236 26.9 19.8 29.8

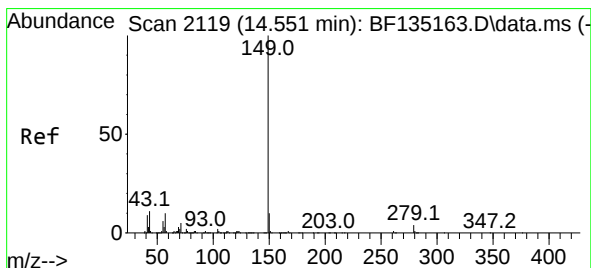
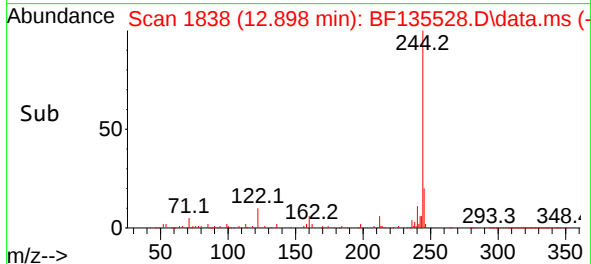
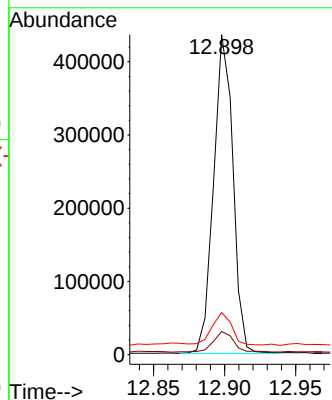
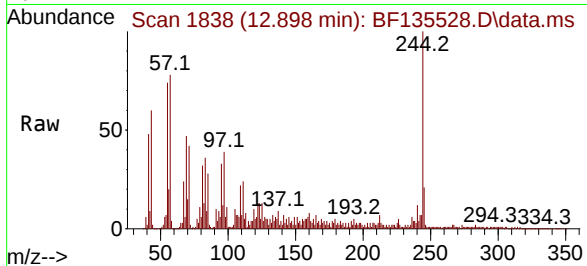




#79
 Terphenyl-d14
 Concen: 30.233 ng
 RT: 12.898 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: BF135528.D
 Acq: 02 Oct 2023 15:34

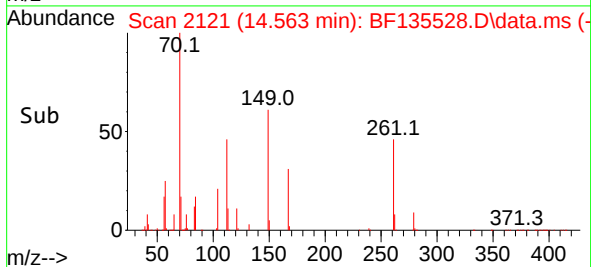
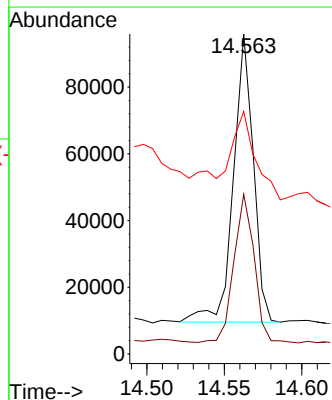
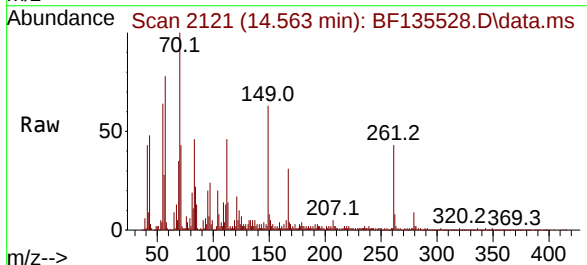
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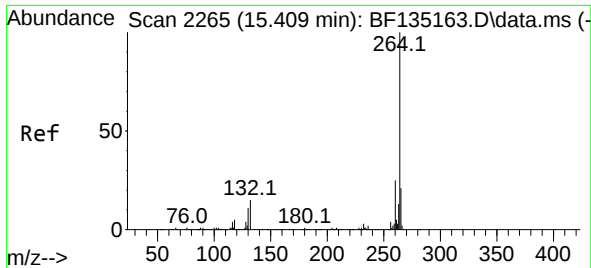
Tgt Ion:244 Resp: 411953
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.1 7.7
 122 13.2 7.9 11.9#



#85
 Di-n-octyl phthalate
 Concen: 6.700 ng
 RT: 14.563 min Scan# 2121
 Delta R.T. 0.035 min
 Lab File: BF135528.D
 Acq: 02 Oct 2023 15:34

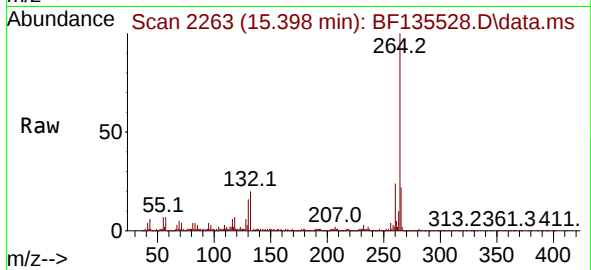
Tgt Ion:149 Resp: 77359
 Ion Ratio Lower Upper
 149 100
 167 52.7 1.1 1.7#
 43 34.2 9.8 14.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135528.D
 Acq: 02 Oct 2023 15:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027



Tgt Ion:264	Resp:	318381
Ion	Ratio	Lower Upper
264	100	
260	23.9	19.8 29.6
265	21.7	17.0 25.4

