

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137835.D
 Acq On : 03 May 2024 18:19
 Operator : CG\JU
 Sample : P2337-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB21155-CONCRETE

Quant Time: May 04 00:25:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	163925	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	663040	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	381935	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	569525	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	268885	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	242729	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	796320	81.334	ng	0.00
7) Phenol-d6	6.663	99	1074131	86.494	ng	-0.01
23) Nitrobenzene-d5	7.610	82	701845	61.498	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	287818	73.806	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1571683	66.761	ng	-0.01
79) Terphenyl-d14	13.175	244	1276628	79.568	ng	-0.01

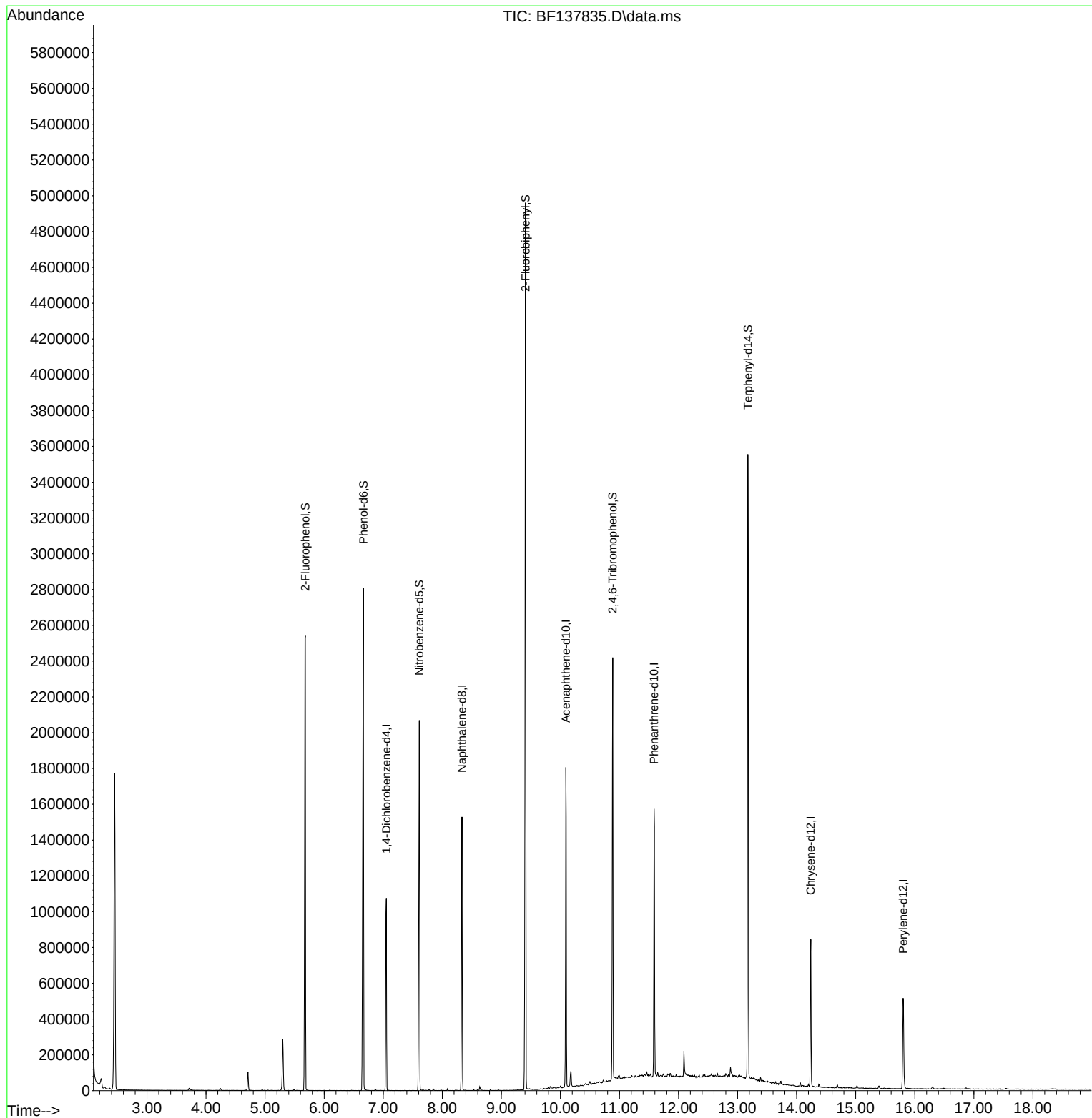
Target Compounds	Qvalue

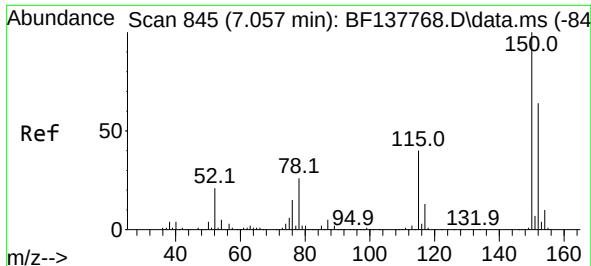
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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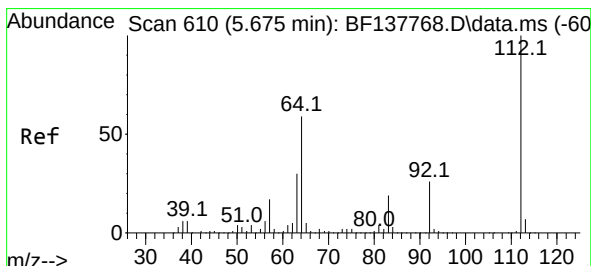
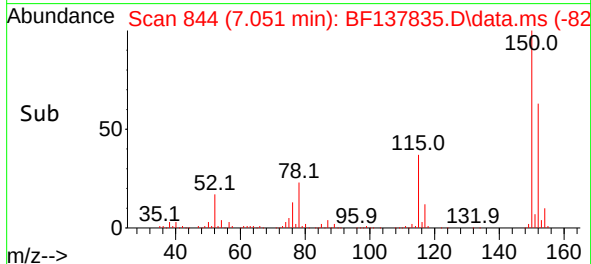
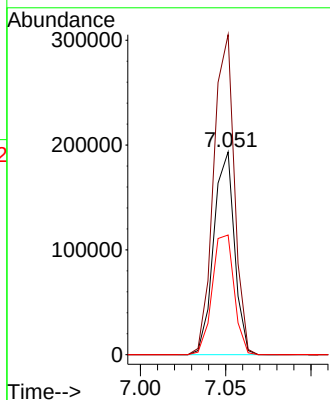
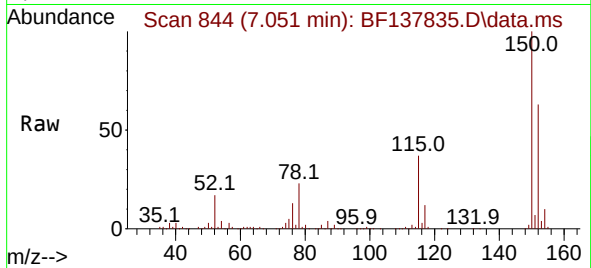




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137835.D
Acq: 03 May 2024 18:19

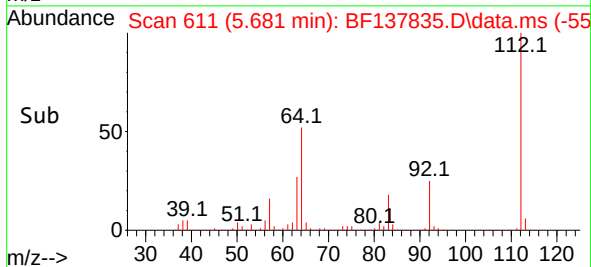
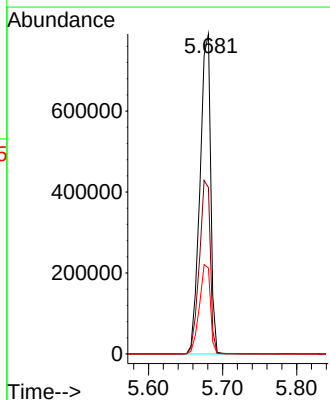
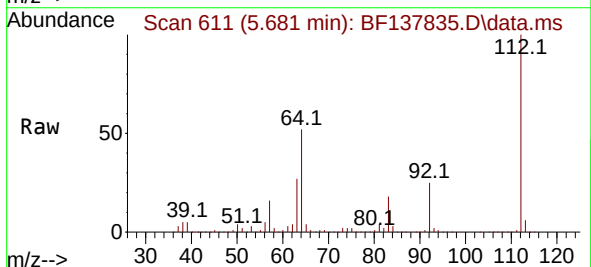
Instrument :
BNA_F
ClientSampleId :
RB21155-CONCRETE

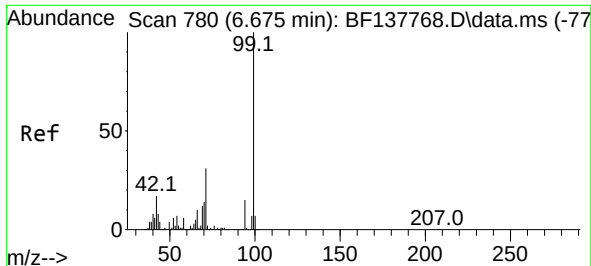
Tgt Ion:152 Resp: 163925
Ion Ratio Lower Upper
152 100
150 157.8 124.1 186.1
115 59.0 49.1 73.7



#5
2-Fluorophenol
Concen: 81.334 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137835.D
Acq: 03 May 2024 18:19

Tgt Ion:112 Resp: 796320
Ion Ratio Lower Upper
112 100
64 52.0 47.3 70.9
63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 86.494 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137835.D

Acq: 03 May 2024 18:19

Instrument :

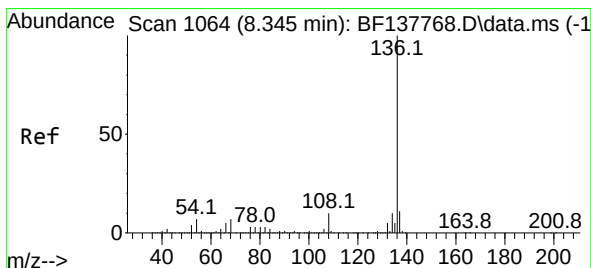
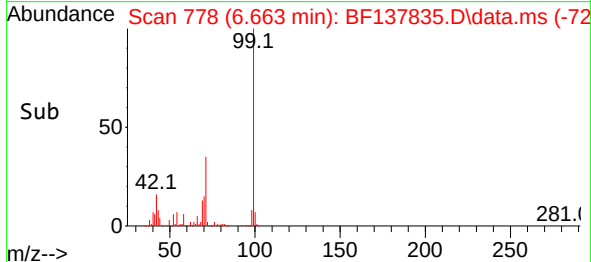
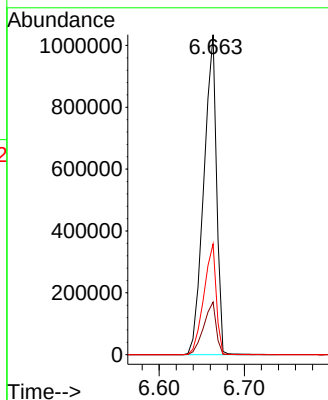
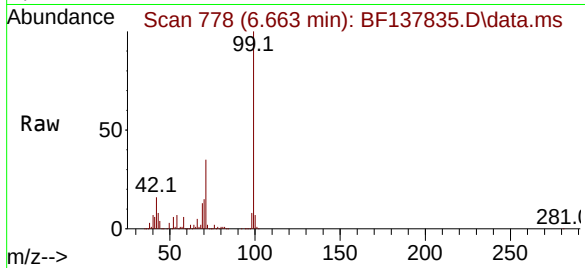
BNA_F

ClientSampleId :

RB21155-CONCRETE

Tgt Ion: 99 Resp: 1074131

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.2	19.8
71	34.6	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.334 min Scan# 1062

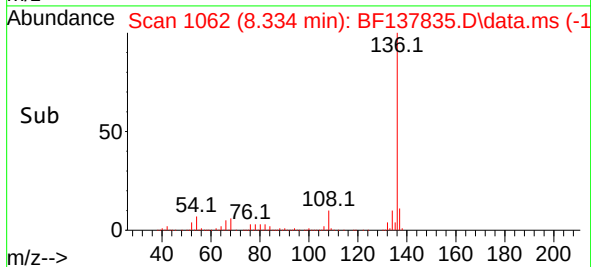
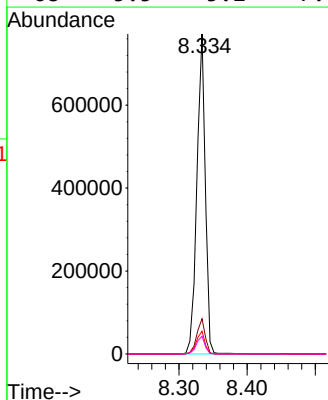
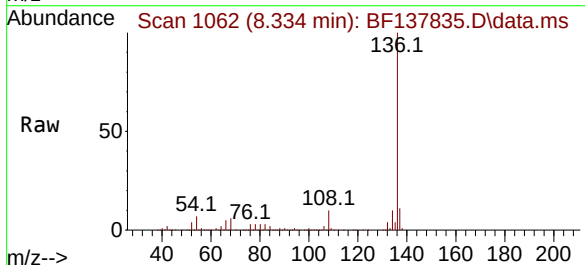
Delta R.T. -0.012 min

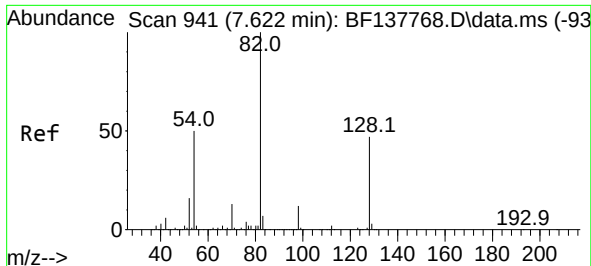
Lab File: BF137835.D

Acq: 03 May 2024 18:19

Tgt Ion: 136 Resp: 663040

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.8	8.8
68	5.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 61.498 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137835.D

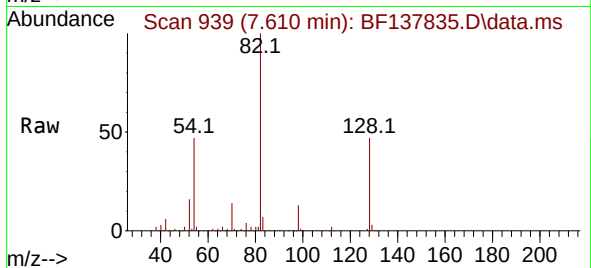
Acq: 03 May 2024 18:19

Instrument :

BNA_F

ClientSampleId :

RB21155-CONCRETE



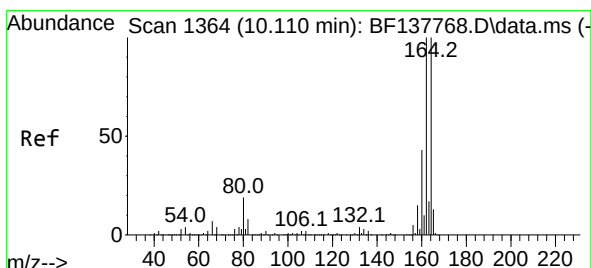
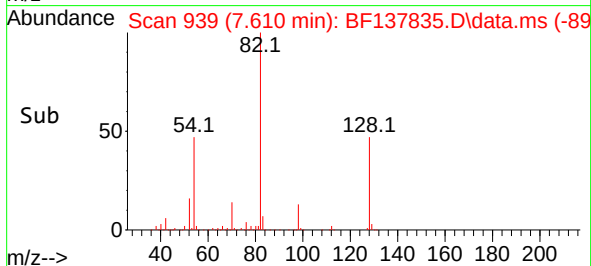
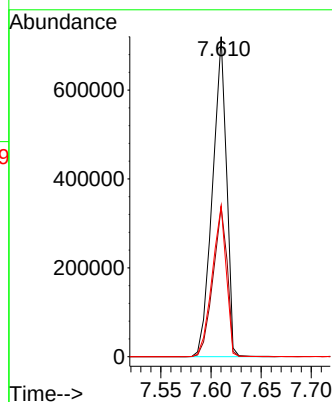
Tgt Ion: 82 Resp: 701845

Ion Ratio Lower Upper

82 100

128 46.8 37.5 56.3

54 47.1 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137835.D

Acq: 03 May 2024 18:19

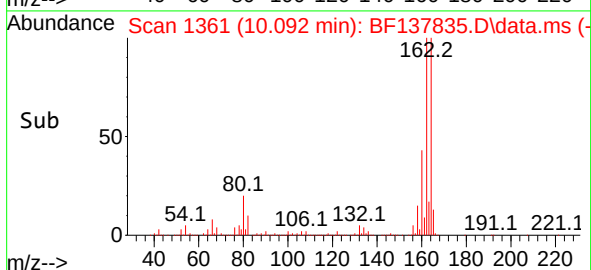
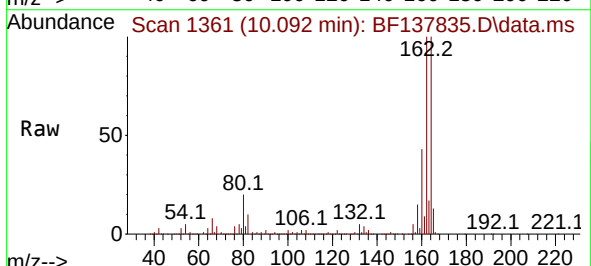
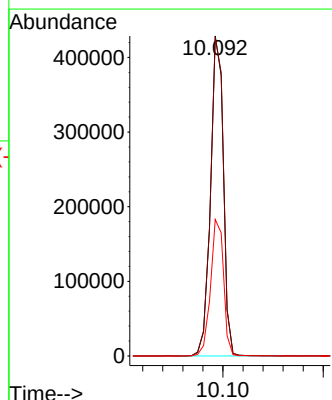
Tgt Ion: 164 Resp: 381935

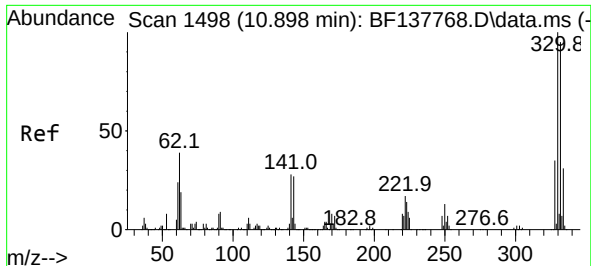
Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.6

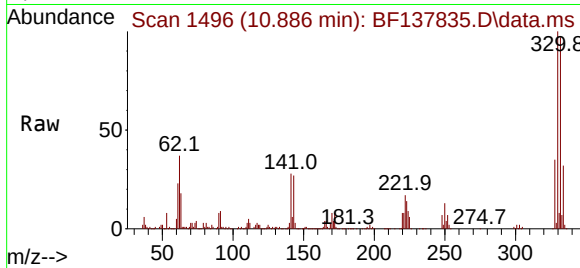
160 42.7 34.4 51.6



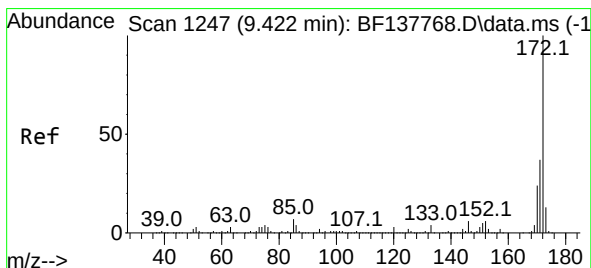
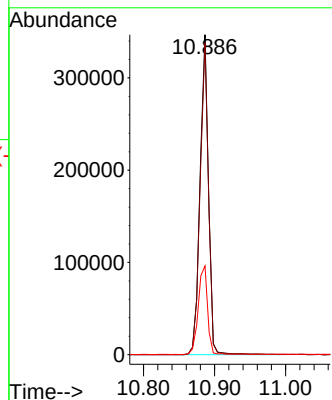
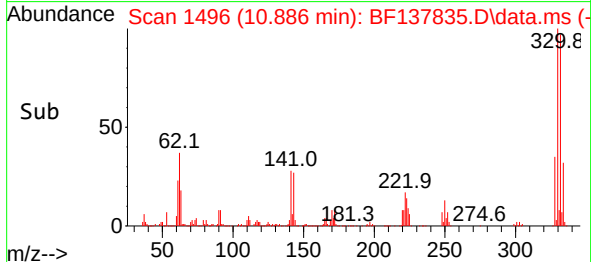


#42
2,4,6-Tribromophenol
Concen: 73.806 ng
RT: 10.886 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BF137835.D
Acq: 03 May 2024 18:19

Instrument :
BNA_F
ClientSampleId :
RB21155-CONCRETE

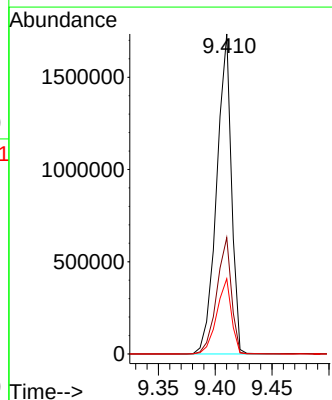
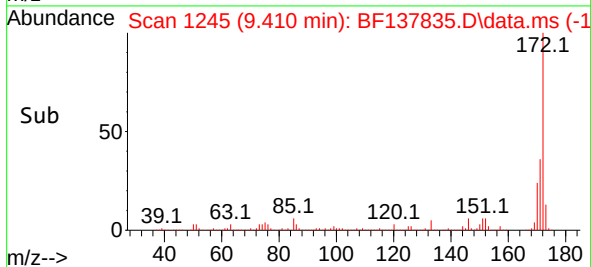
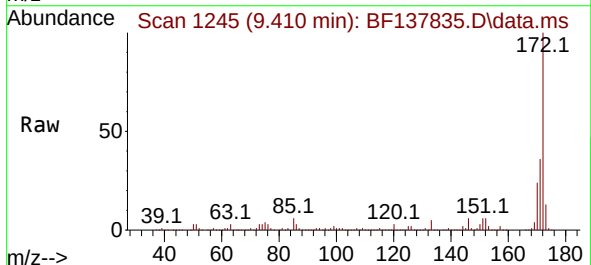


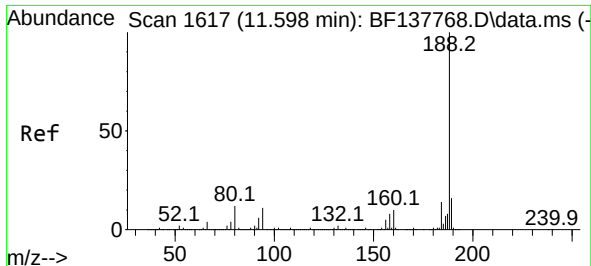
Tgt Ion:330 Resp: 287818
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.3 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 66.761 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137835.D
Acq: 03 May 2024 18:19

Tgt Ion:172 Resp: 1571683
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.5 19.4 29.2

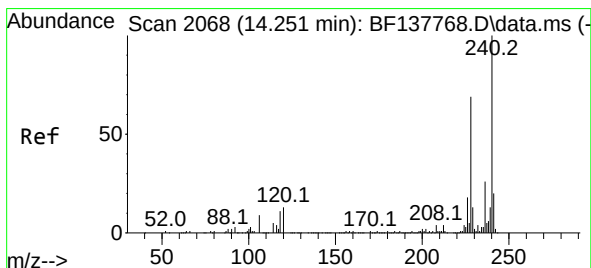
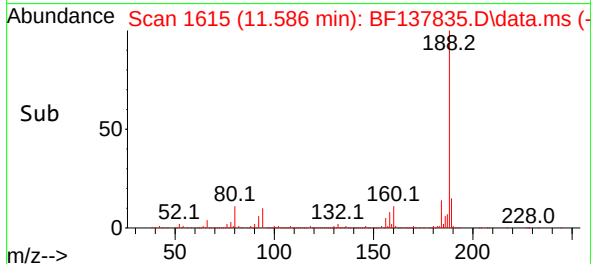
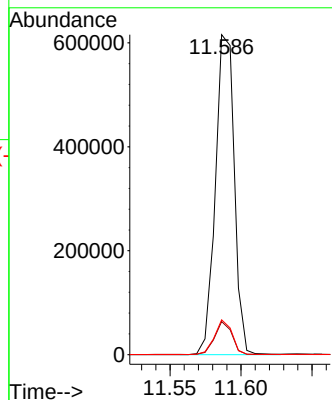
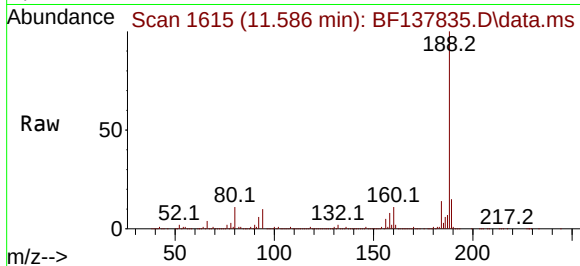




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137835.D
Acq: 03 May 2024 18:19

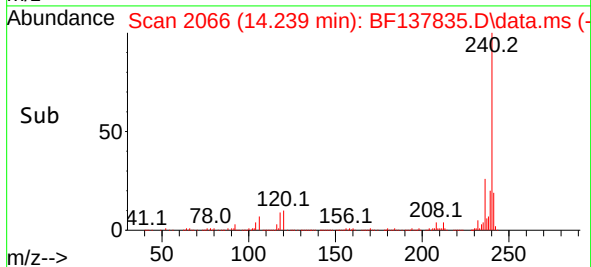
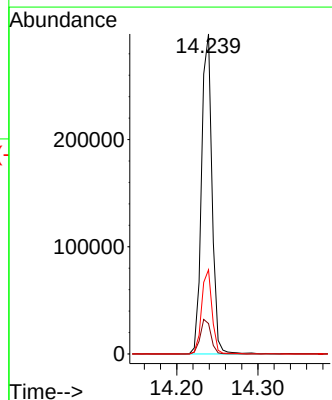
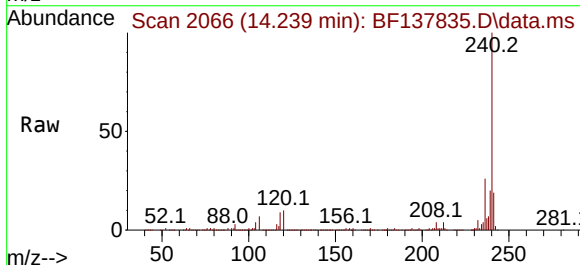
Instrument :
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RB21155-CONCRETE

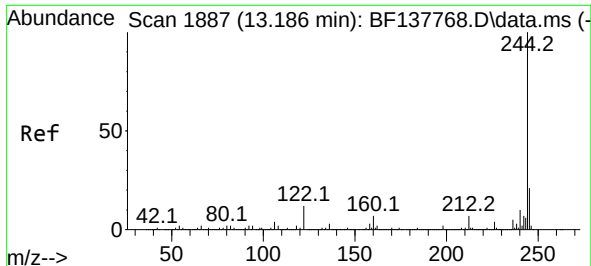
Tgt Ion:188 Resp: 569525
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 10.9 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137835.D
Acq: 03 May 2024 18:19

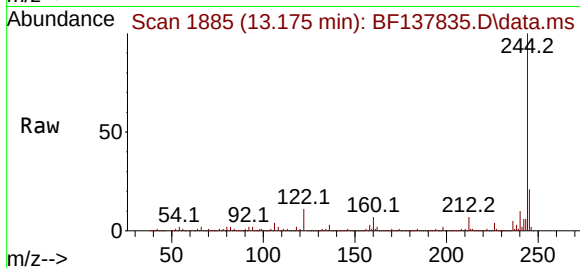
Tgt Ion:240 Resp: 268885
Ion Ratio Lower Upper
240 100
120 9.5 10.4 15.6#
236 26.3 20.4 30.6



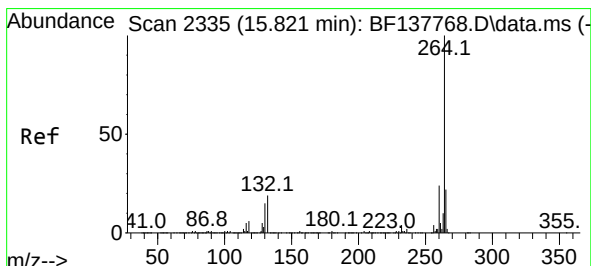
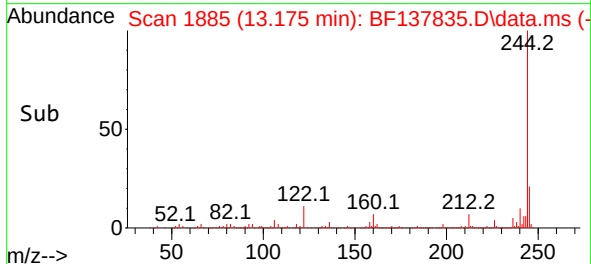
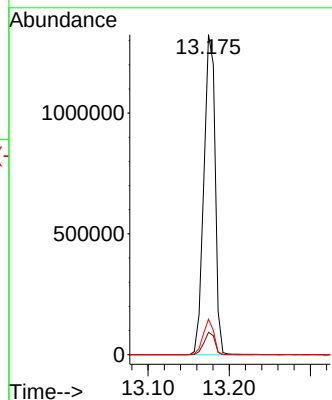


#79
 Terphenyl-d14
 Concen: 79.568 ng
 RT: 13.175 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137835.D
 Acq: 03 May 2024 18:19

Instrument :
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Tgt Ion:244 Resp: 1276628
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. -0.018 min
 Lab File: BF137835.D
 Acq: 03 May 2024 18:19

Tgt Ion:264 Resp: 242729
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 20.9 17.4 26.0

