

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137335.D
Acq On : 08 Feb 2024 13:20
Operator : CG\JU
Sample : PB158857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158857BL

Quant Time: Feb 08 13:44:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	60541	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	236713	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	145913	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	273964	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	167375	20.000	ng	-0.01
86) Perylene-d12	15.439	264	140261	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	558898	152.331	ng	0.01
7) Phenol-d6	6.422	99	726495	138.750	ng	0.00
23) Nitrobenzene-d5	7.345	82	496625	93.931	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	230708	140.004	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	925819	87.223	ng	0.00
79) Terphenyl-d14	12.910	244	1057081	85.858	ng	-0.01

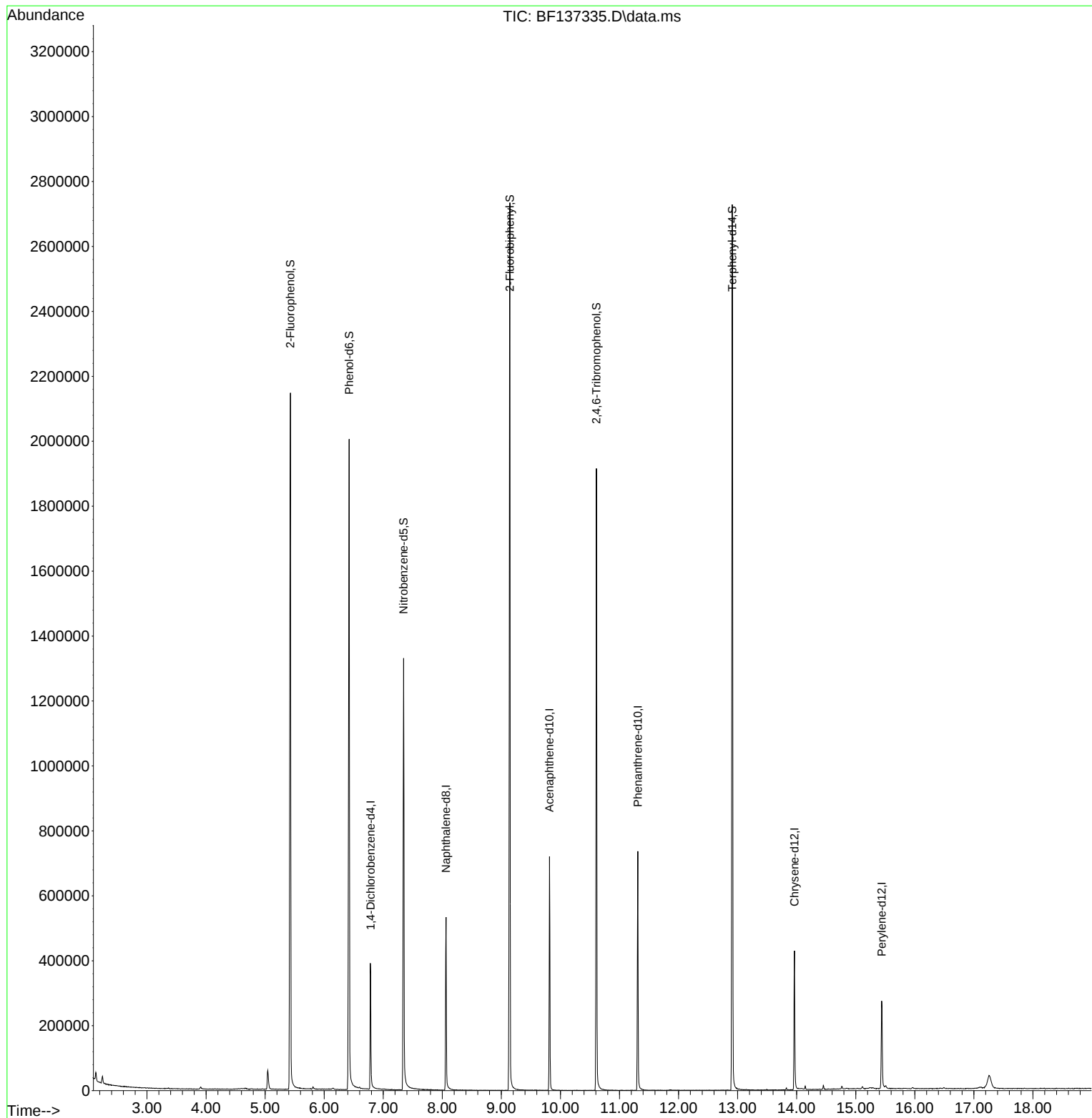
Target Compounds	Qvalue

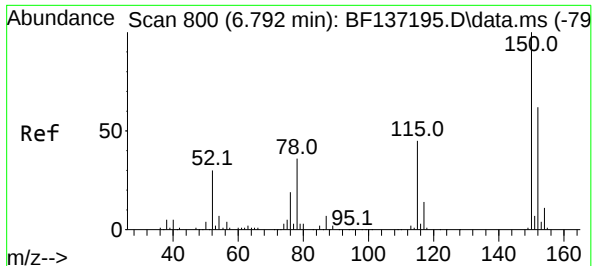
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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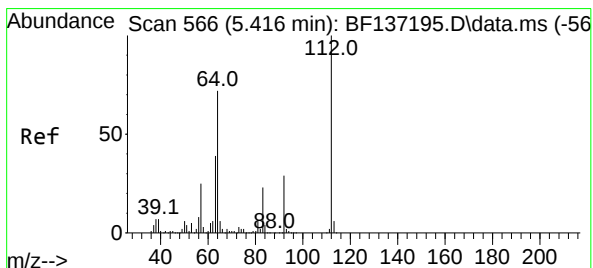
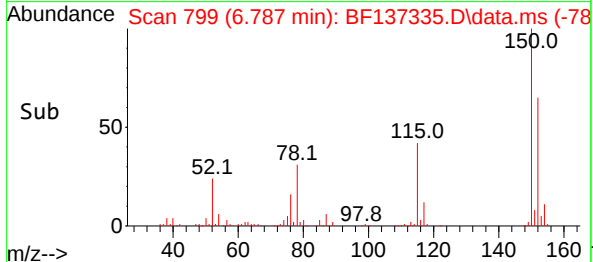
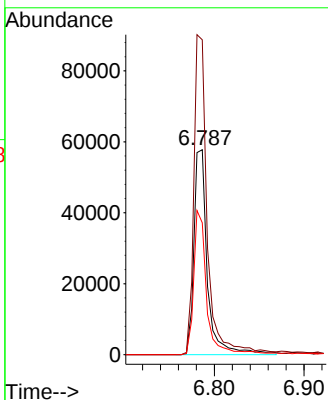
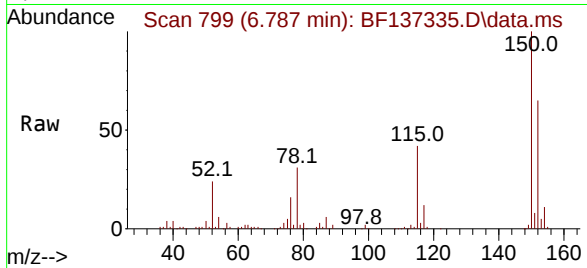




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

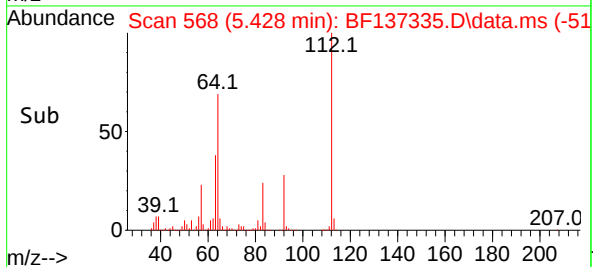
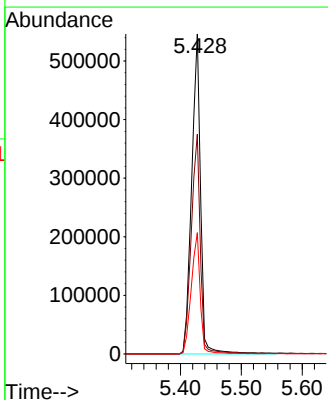
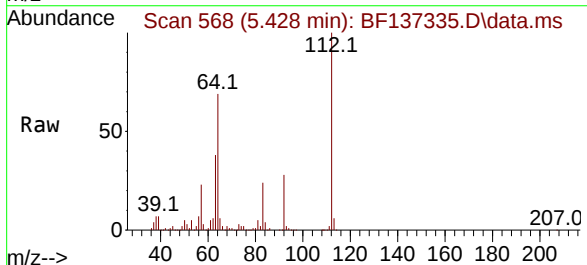
Instrument :
BNA_F
ClientSampleId :
PB158857BL

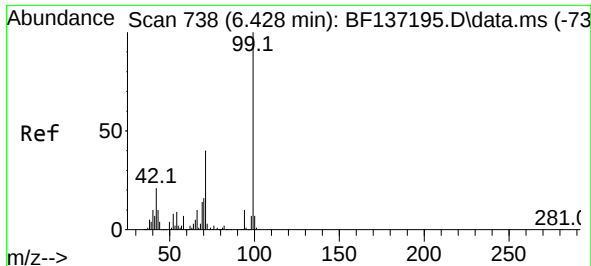
Tgt Ion:152 Resp: 60541
Ion Ratio Lower Upper
152 100
150 153.7 129.8 194.8
115 64.3 58.5 87.7



#5
2-Fluorophenol
Concen: 152.331 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

Tgt Ion:112 Resp: 558898
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.6
63 37.9 31.4 47.0

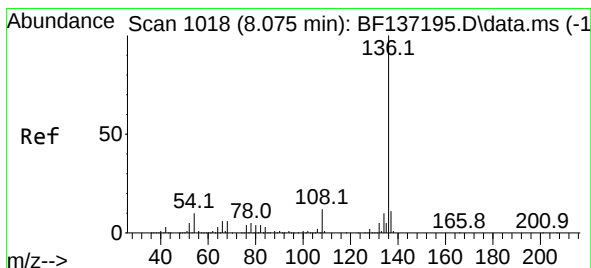
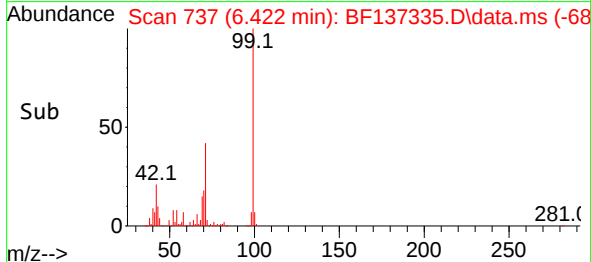
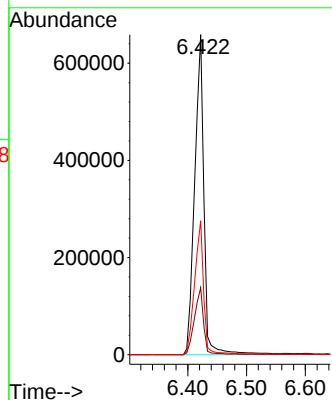
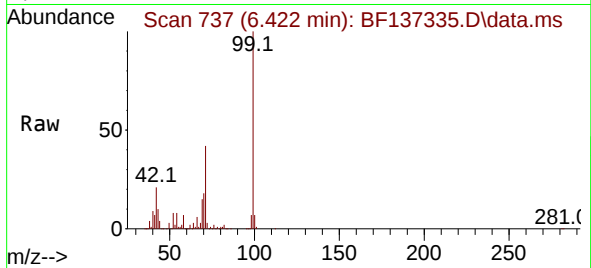




#7
Phenol-d6
Concen: 138.750 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

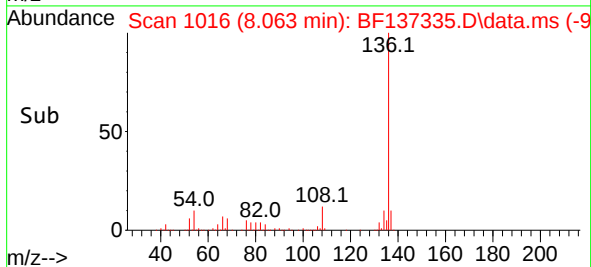
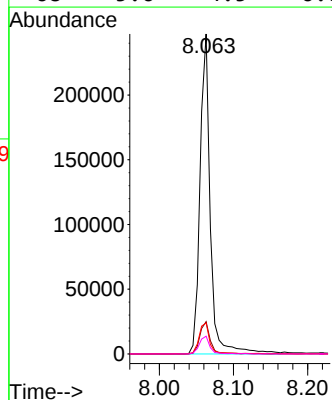
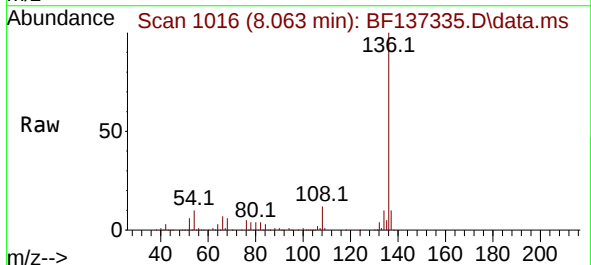
Instrument :
BNA_F
ClientSampleId :
PB158857BL

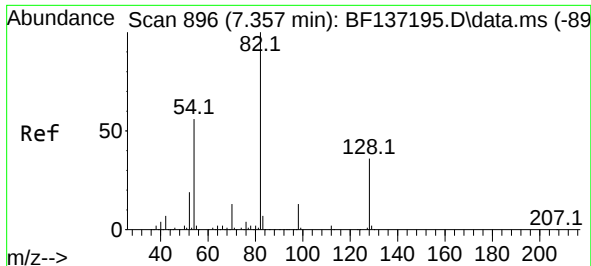
Tgt Ion:	99	Resp:	726495
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.4	24.6
71	41.8	32.4	48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

Tgt Ion:	136	Resp:	236713
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	9.7	7.8	11.8
68	5.6	4.5	6.7

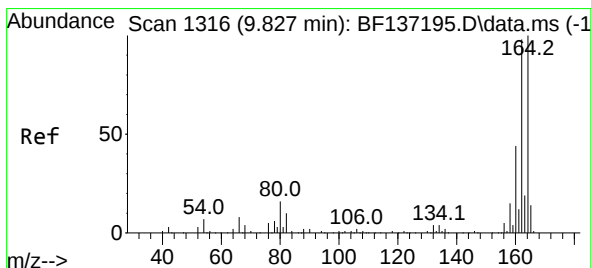
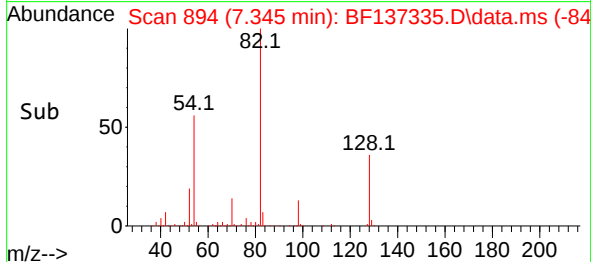
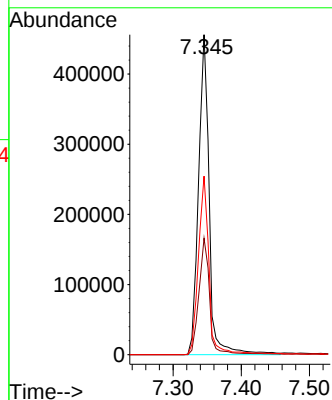
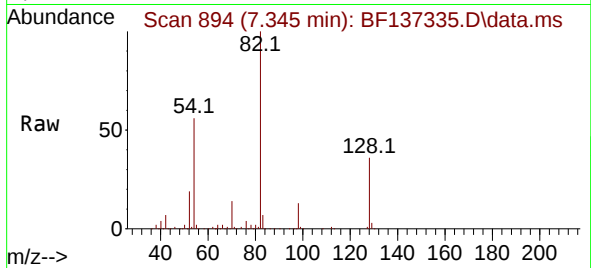




#23
Nitrobenzene-d5
Concen: 93.931 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

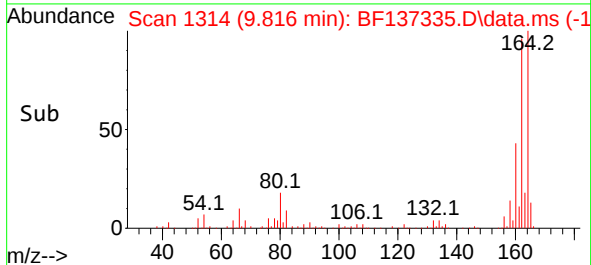
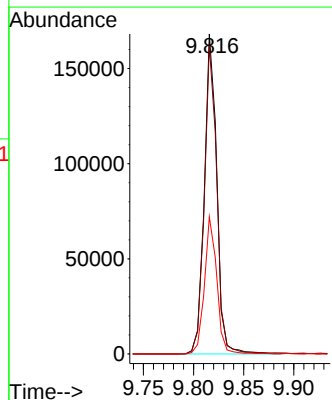
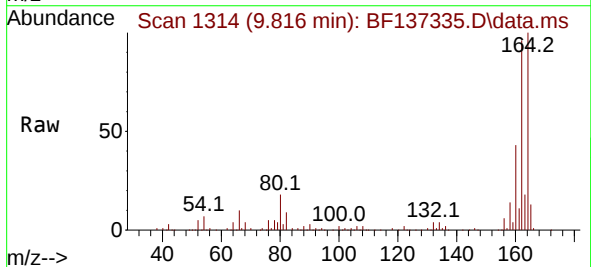
Instrument :
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ClientSampleId :
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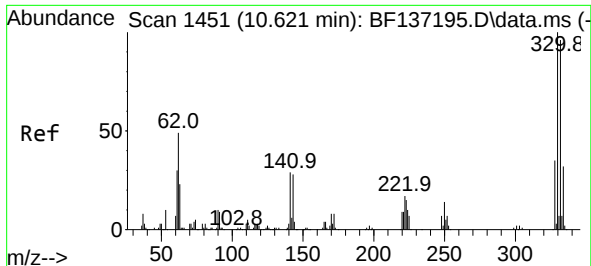
Tgt Ion: 82 Resp: 496625
Ion Ratio Lower Upper
82 100
128 36.4 29.1 43.7
54 55.8 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

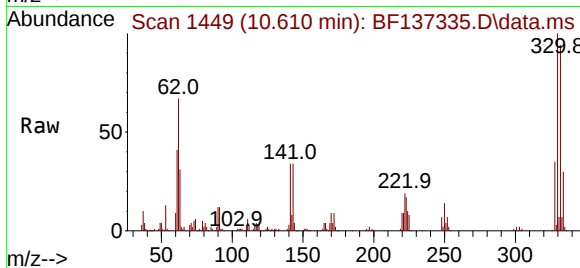
Tgt Ion:164 Resp: 145913
Ion Ratio Lower Upper
164 100
162 96.3 78.3 117.5
160 42.8 35.4 53.2



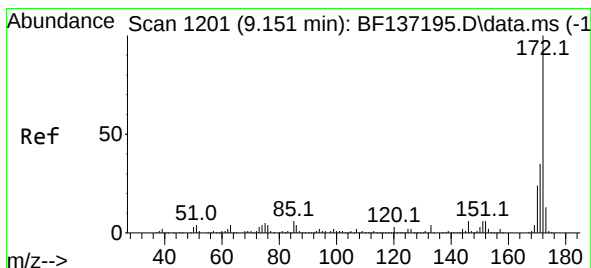
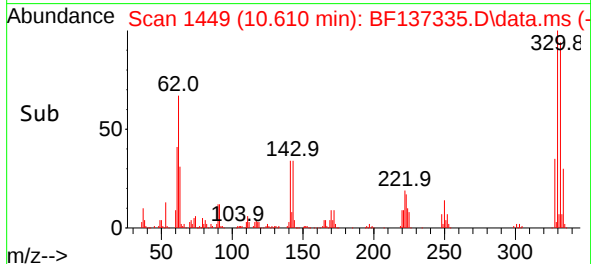
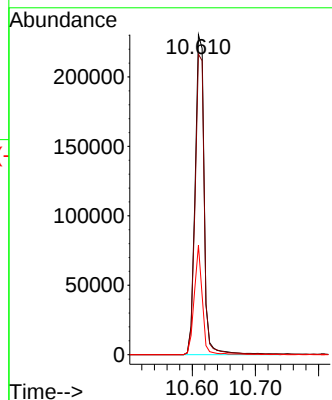


#42
2,4,6-Tribromophenol
Concen: 140.004 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

Instrument :
BNA_F
ClientSampleId :
PB158857BL

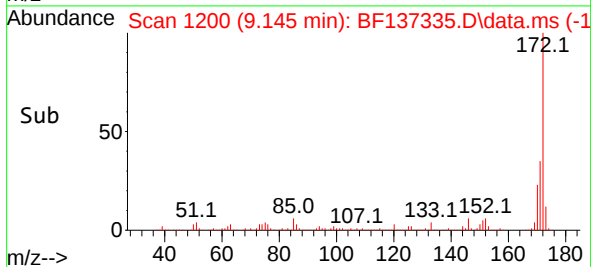
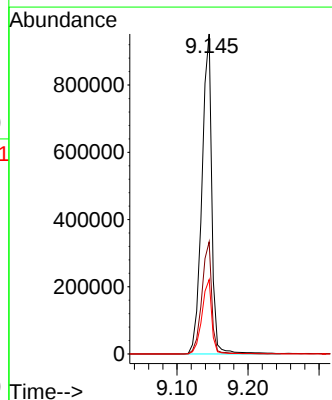
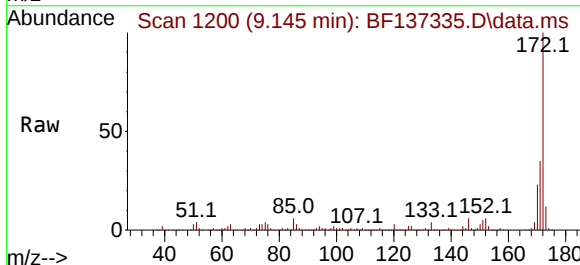


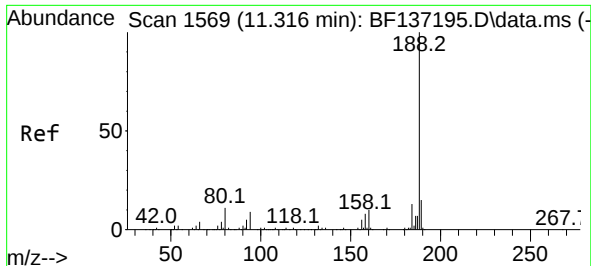
Tgt Ion:330 Resp: 230708
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 30.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 87.223 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

Tgt Ion:172 Resp: 925819
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 19.1 28.7

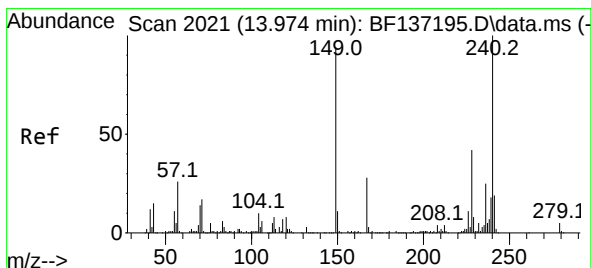
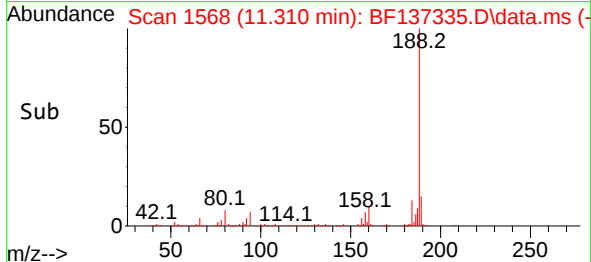
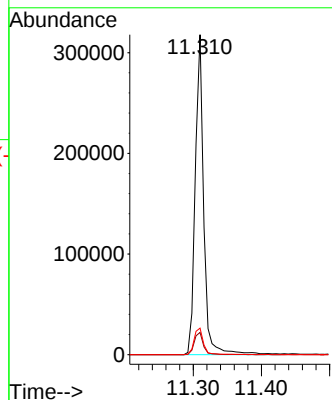
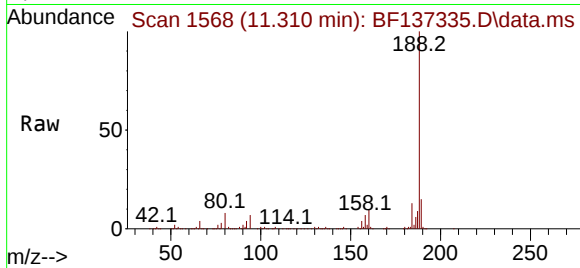




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

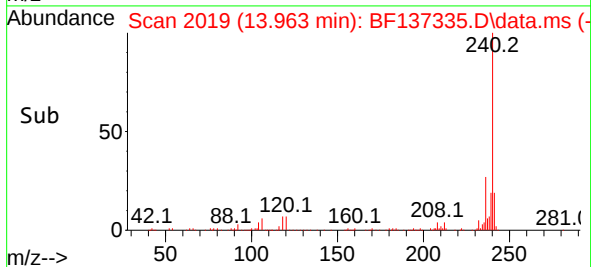
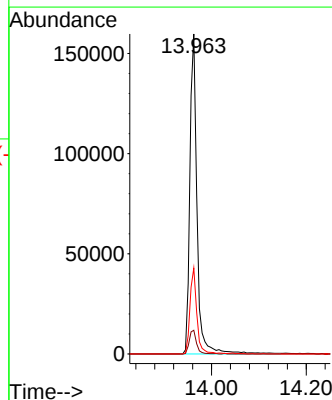
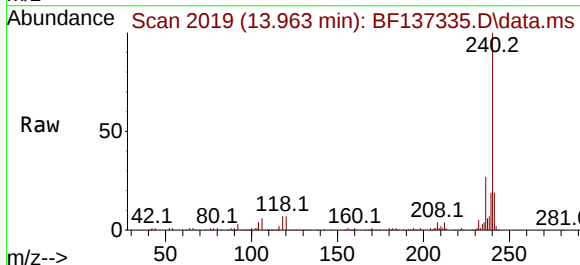
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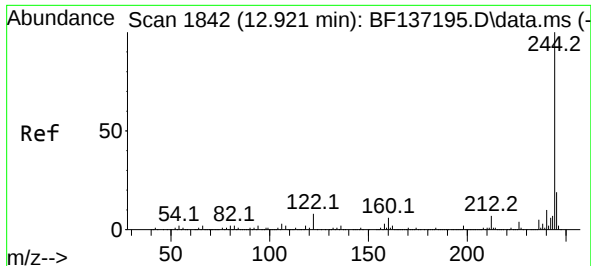
Tgt Ion:188 Resp: 273964
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 8.3 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137335.D
Acq: 08 Feb 2024 13:20

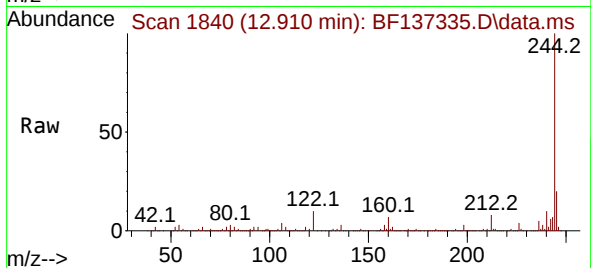
Tgt Ion:240 Resp: 167375
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 26.8 20.3 30.5



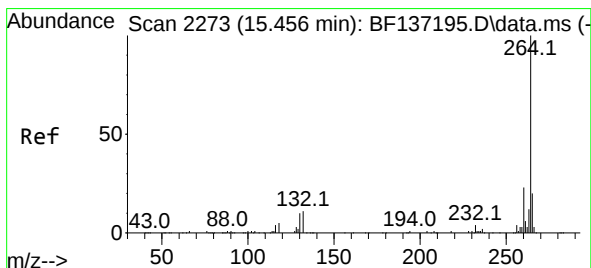
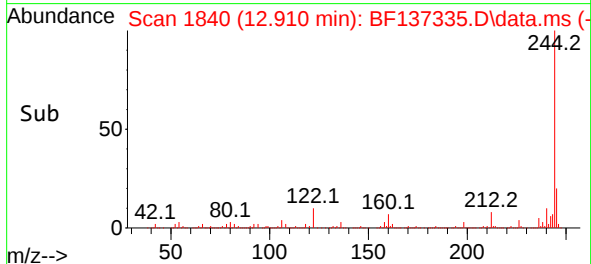
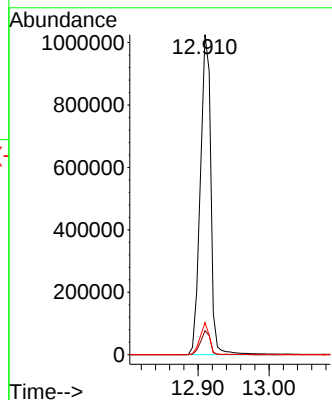


#79
 Terphenyl-d14
 Concen: 85.858 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137335.D
 Acq: 08 Feb 2024 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB158857BL



Tgt Ion:244 Resp: 1057081
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 10.0 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF137335.D
 Acq: 08 Feb 2024 13:20

Tgt Ion:264 Resp: 140261
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 21.3 16.2 24.2

