

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
Data File : BF137329.D
Acq On : 07 Feb 2024 19:34
Operator : CG\JU
Sample : P1342-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-20240131

Quant Time: Feb 08 01:09:40 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	50517	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	191324	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	96624	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	150357	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	137930	20.000	ng	-0.01
86) Perylene-d12	15.445	264	128084	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	197639	64.557	ng	0.00
7) Phenol-d6	6.416	99	142205	32.548	ng	-0.01
23) Nitrobenzene-d5	7.351	82	444508	104.019	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	143798	131.777	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	726944	103.422	ng	0.00
79) Terphenyl-d14	12.916	244	744613	73.389	ng	0.00

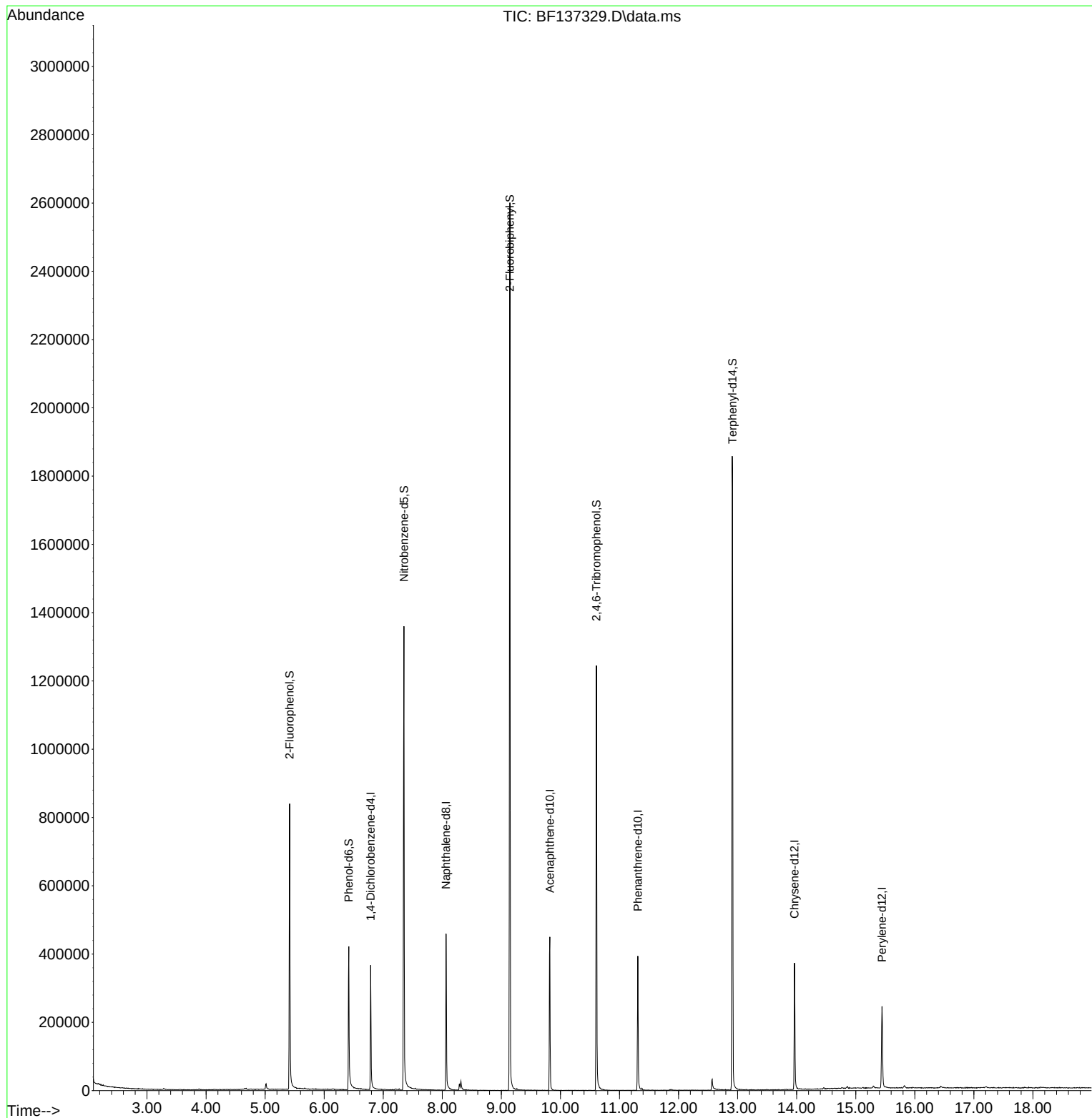
Target Compounds	Qvalue

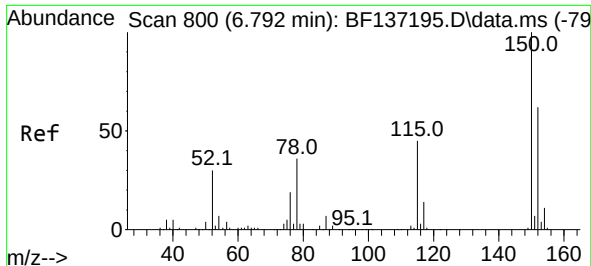
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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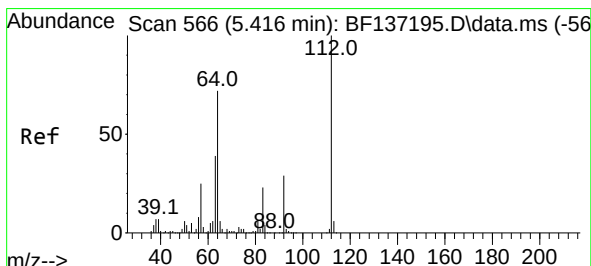
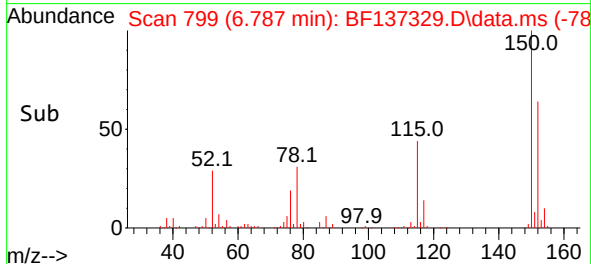
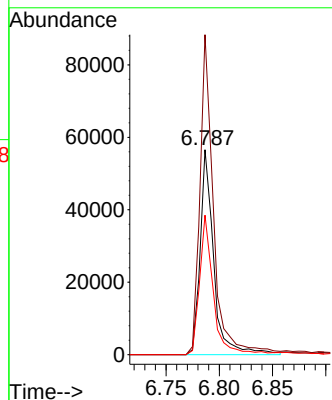
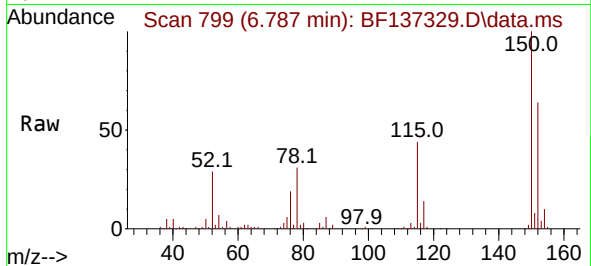




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

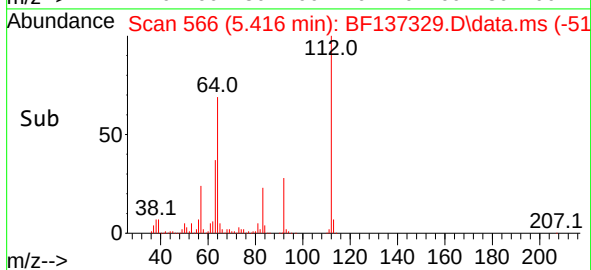
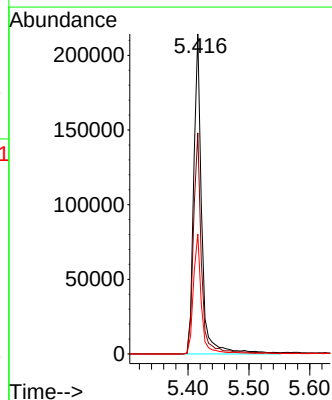
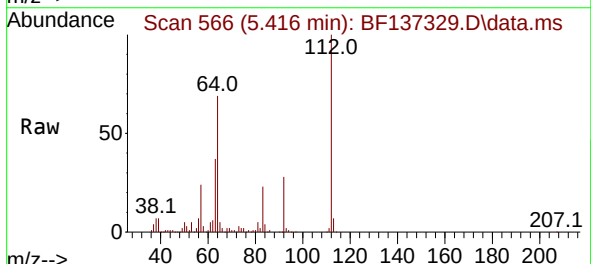
Instrument :
BNA_F
ClientSampleId :
FB-20240131

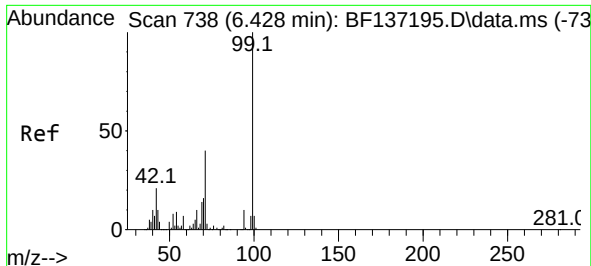
Tgt Ion:152 Resp: 50517
Ion Ratio Lower Upper
152 100
150 156.2 129.8 194.8
115 68.1 58.5 87.7



#5
2-Fluorophenol
Concen: 64.557 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:112 Resp: 197639
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.6
63 37.5 31.4 47.0

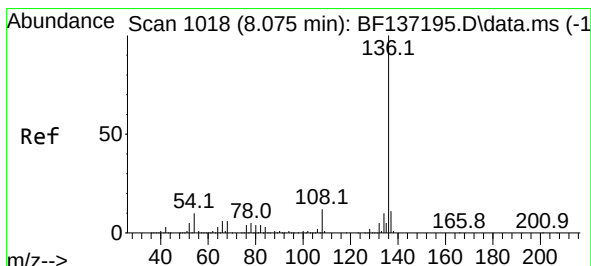
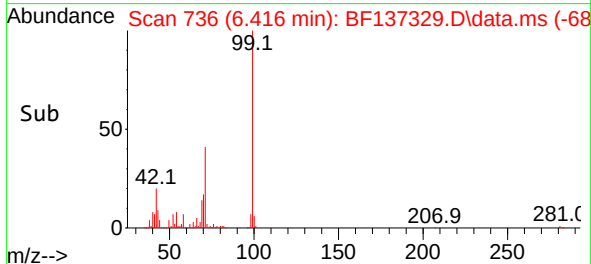
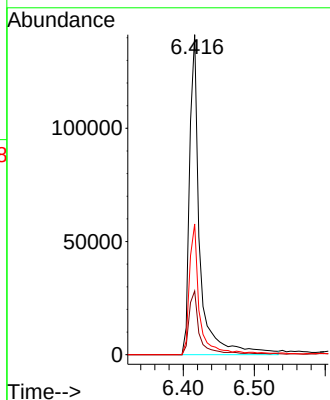
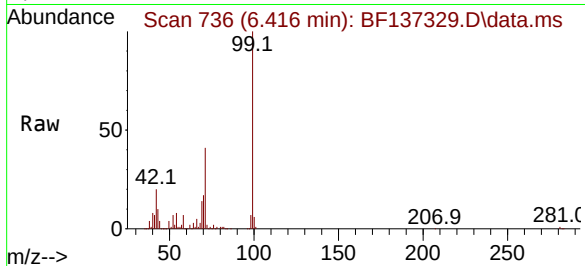




#7
Phenol-d6
Concen: 32.548 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

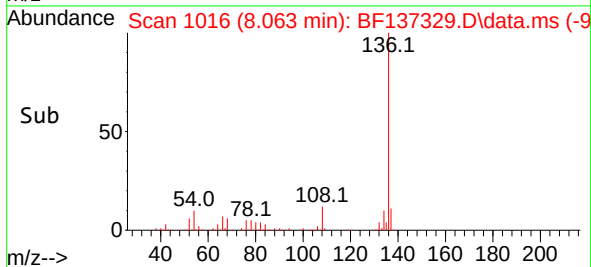
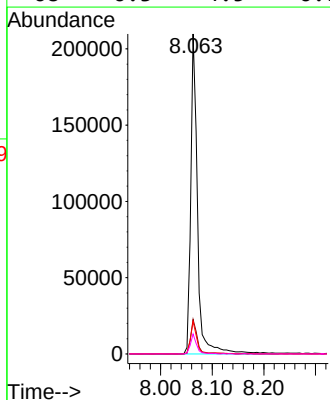
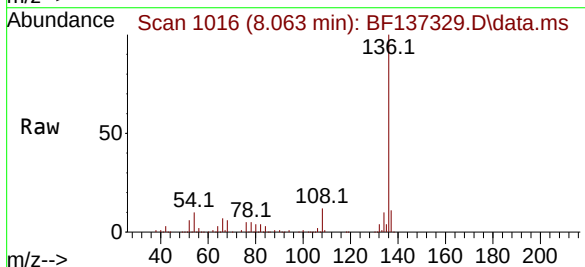
Instrument :
BNA_F
ClientSampleId :
FB-20240131

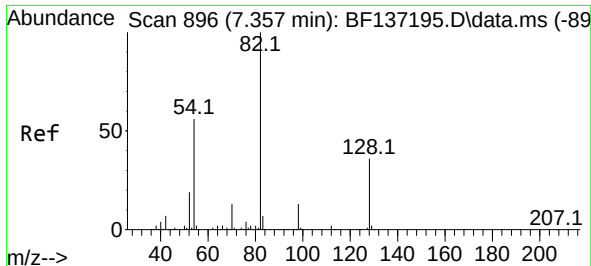
Tgt Ion: 99 Resp: 142205
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 40.8 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion: 136 Resp: 191324
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.1 7.8 11.8
68 6.3 4.5 6.7

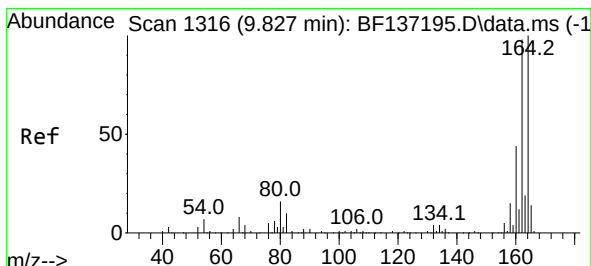
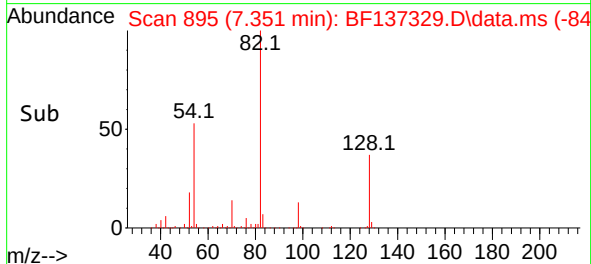
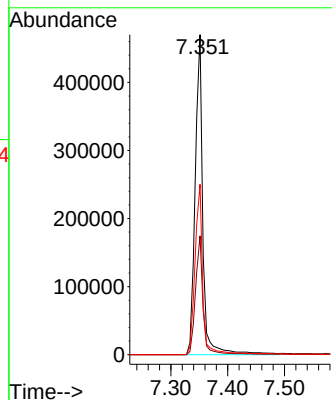
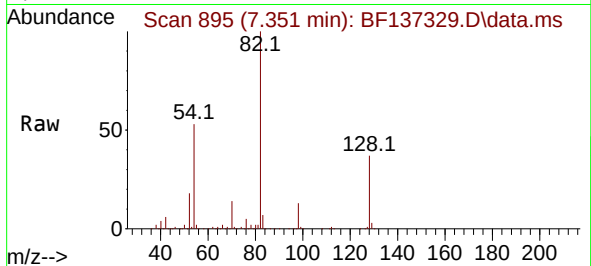




#23
Nitrobenzene-d5
Concen: 104.019 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

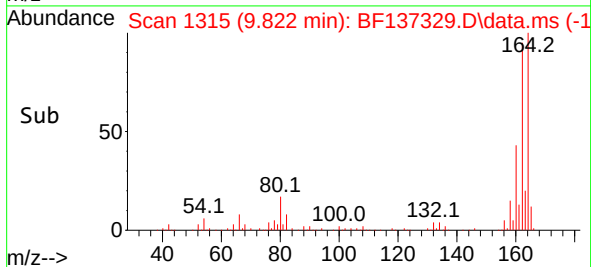
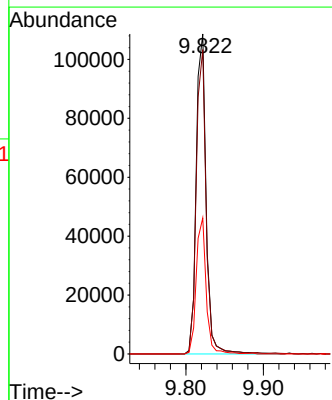
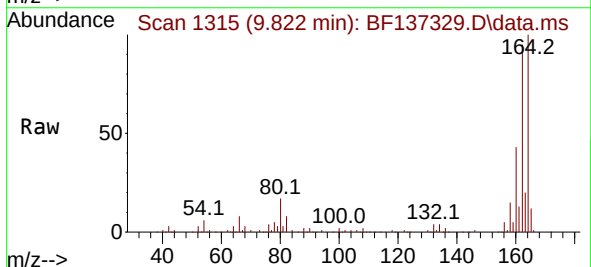
Instrument :
BNA_F
ClientSampleId :
FB-20240131

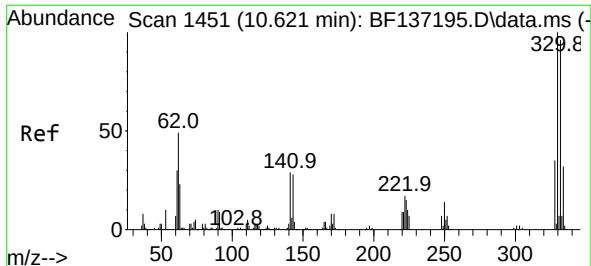
Tgt Ion: 82 Resp: 444508
Ion Ratio Lower Upper
82 100
128 37.2 29.1 43.7
54 53.3 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

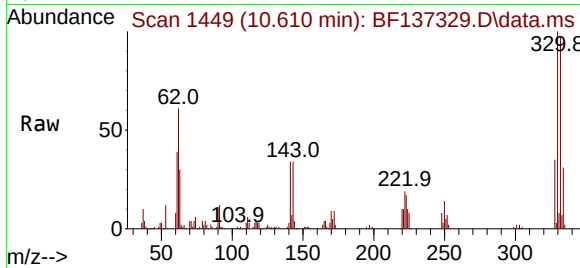
Tgt Ion:164 Resp: 96624
Ion Ratio Lower Upper
164 100
162 95.1 78.3 117.5
160 42.5 35.4 53.2



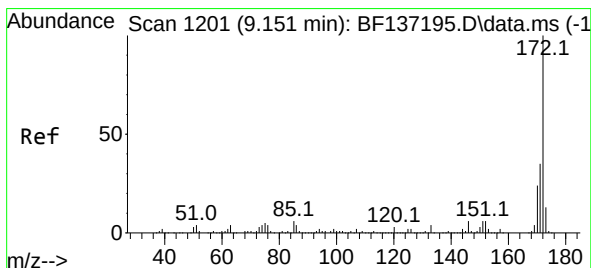
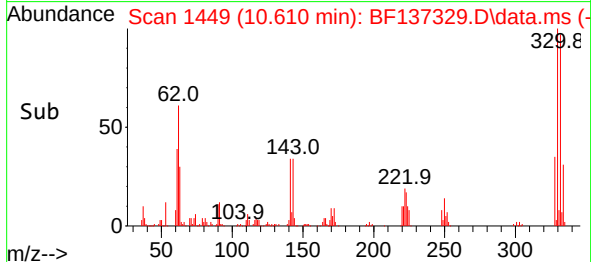
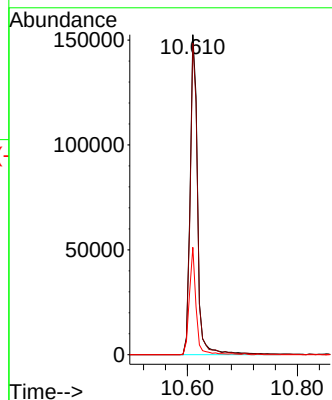


#42
2,4,6-Tribromophenol
Concen: 131.777 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Instrument :
BNA_F
ClientSampleId :
FB-20240131

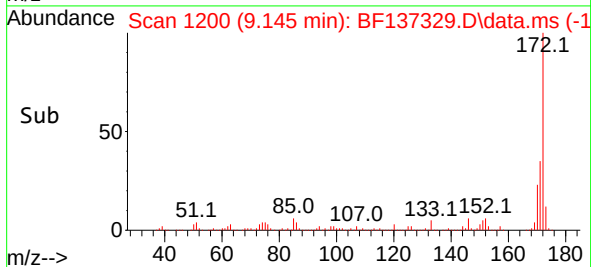
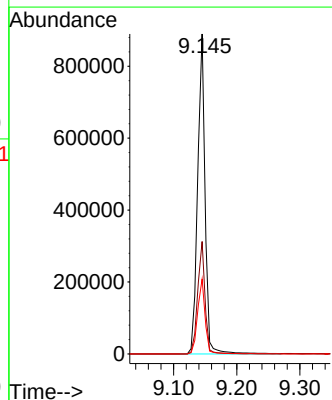
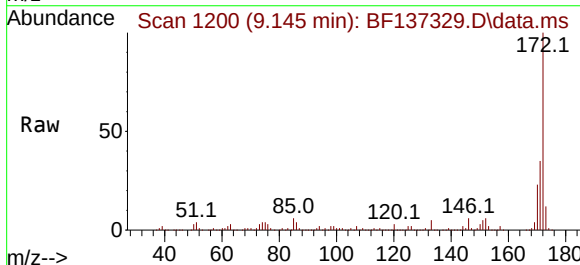


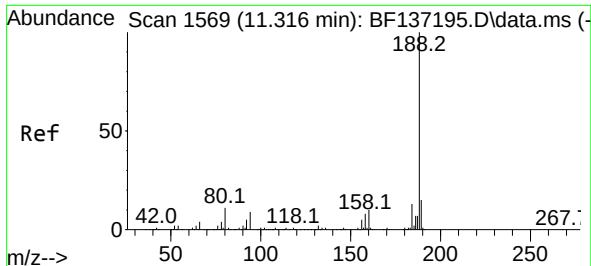
Tgt Ion:330 Resp: 143798
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 30.1 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 103.422 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:172 Resp: 726944
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 19.1 28.7

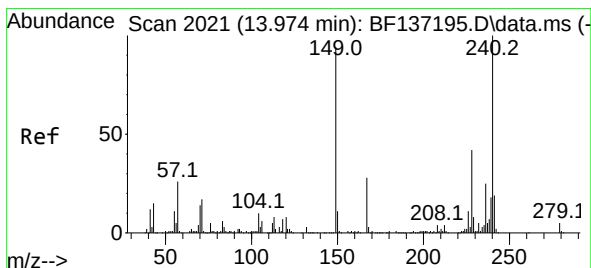
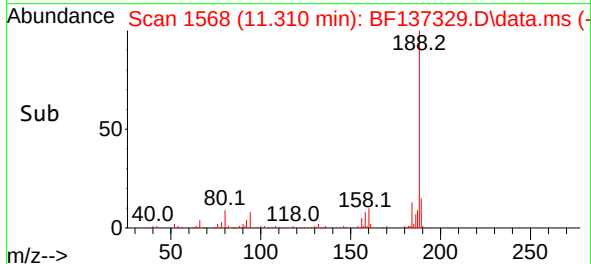
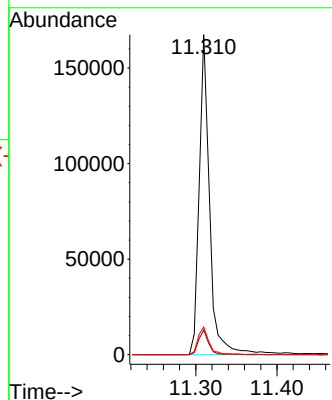
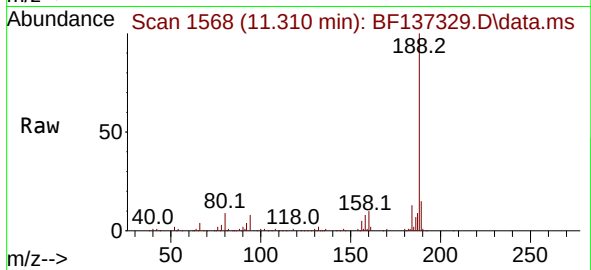




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

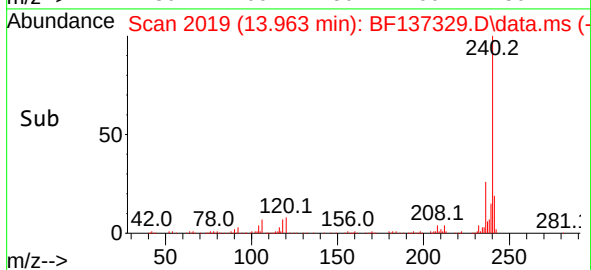
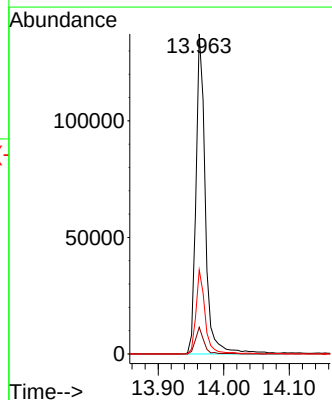
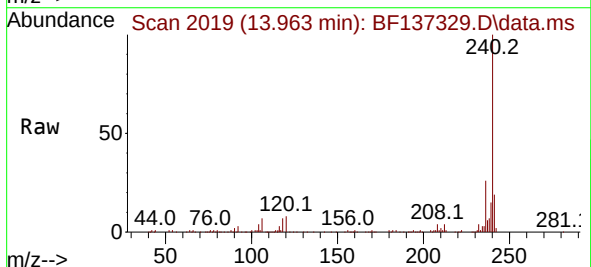
Instrument :
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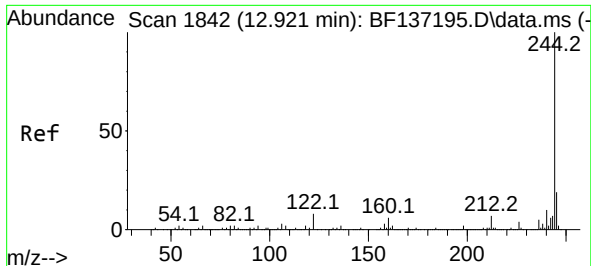
Tgt Ion:188 Resp: 150357
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.6 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:240 Resp: 137930
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 26.2 20.3 30.5

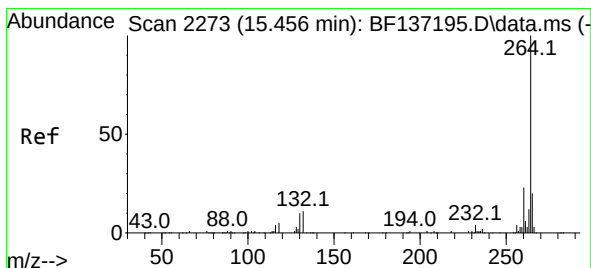
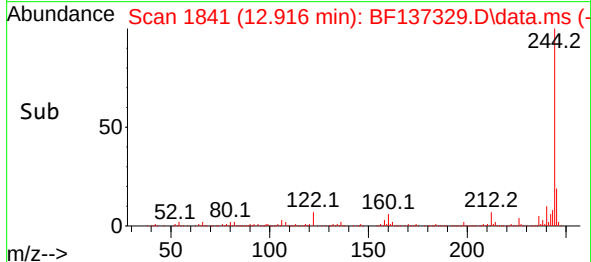
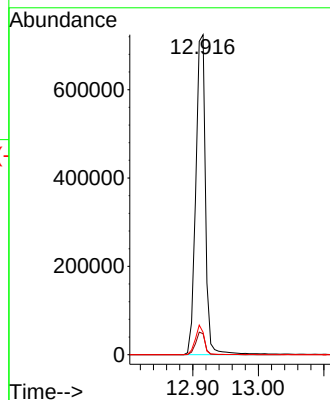
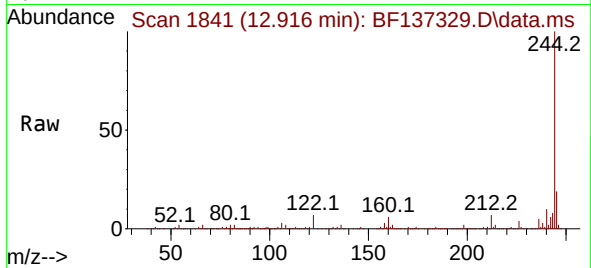




#79
Terphenyl-d14
Concen: 73.389 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244	Resp: 744613
Ion Ratio	Lower Upper
244	100
212	6.5 5.5 8.3
122	7.0 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF137329.D
Acq: 07 Feb 2024 19:34

Tgt Ion:264	Resp: 128084
Ion Ratio	Lower Upper
264	100
260	23.0 18.2 27.4
265	22.1 16.2 24.2

