

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137213.D
 Acq On : 31 Jan 2024 16:32
 Operator : CG\JU
 Sample : P1296-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-013024

Quant Time: Feb 01 01:19:22 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	6.792	152	37620	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	144710	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	80666	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	167130	20.000	ng	0.00
76) Chrysene-d12	13.968	240	135041	20.000	ng	0.00
86) Perylene-d12	15.457	264	97507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	45085	19.775	ng	0.00
7) Phenol-d6	6.416	99	58787	18.068	ng	-0.01
23) Nitrobenzene-d5	7.351	82	35657	11.032	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	19217	21.094	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	85914	14.641	ng	0.00
79) Terphenyl-d14	12.915	244	129707	13.057	ng	0.00

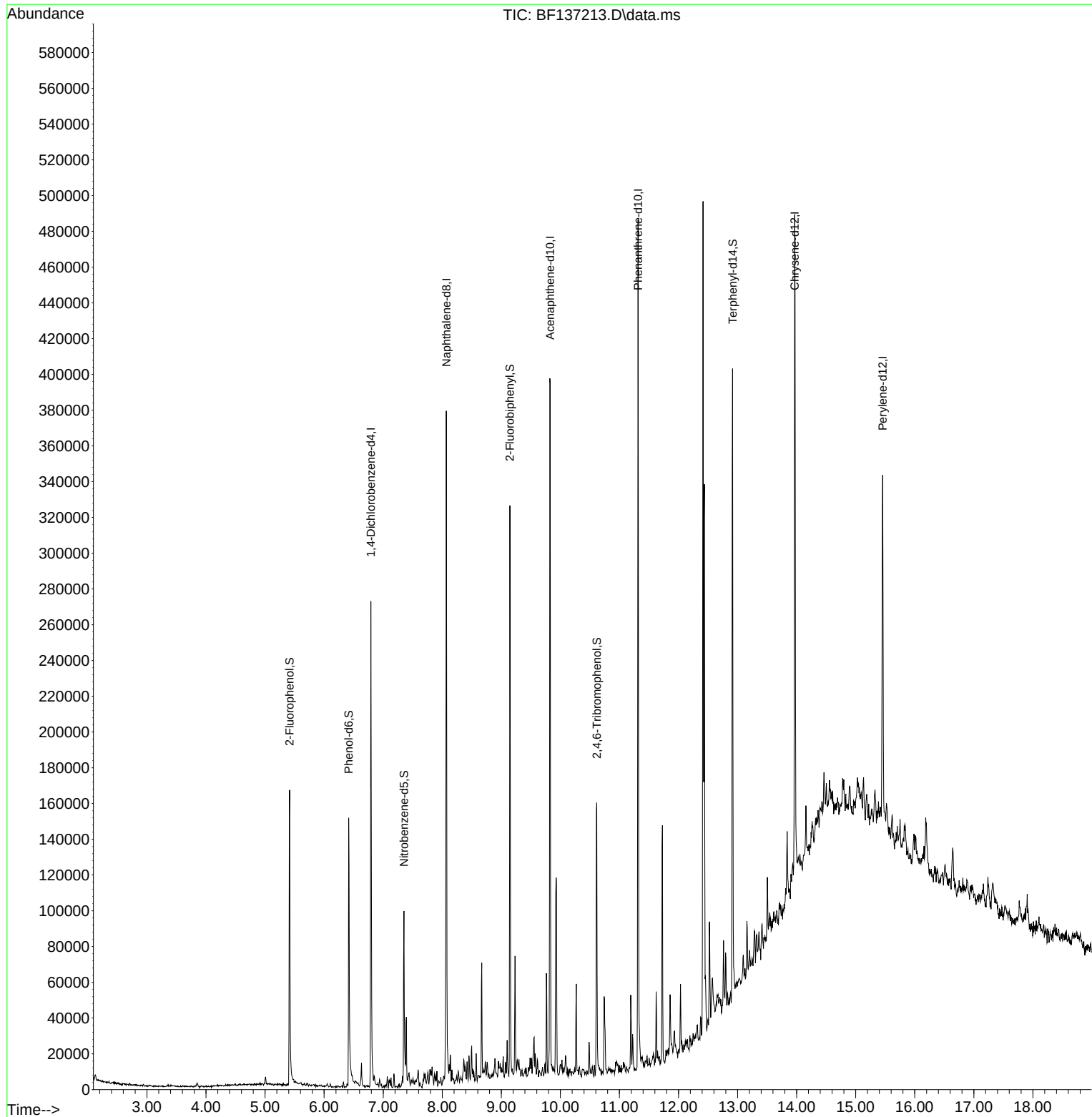
Target Compounds	Qvalue

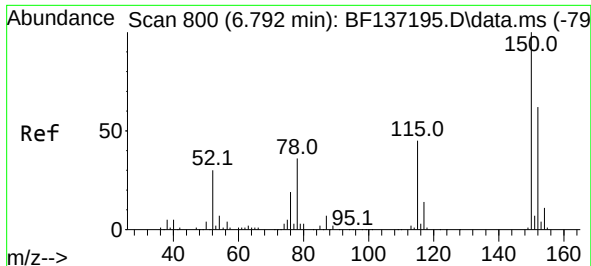
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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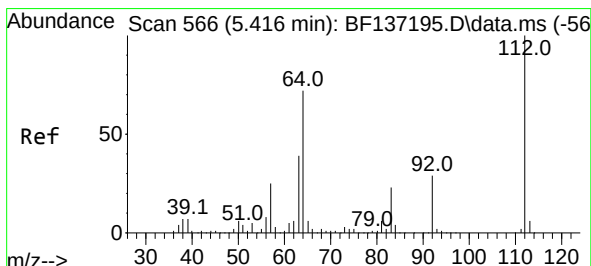
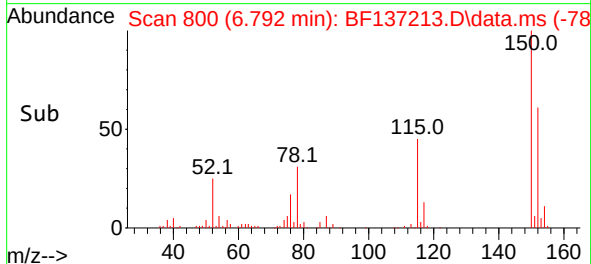
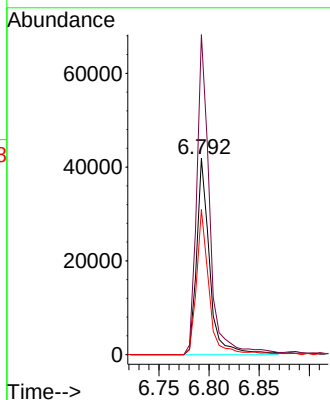
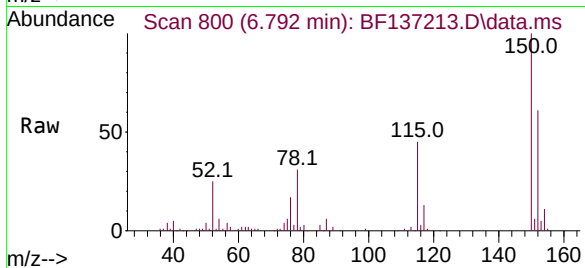




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

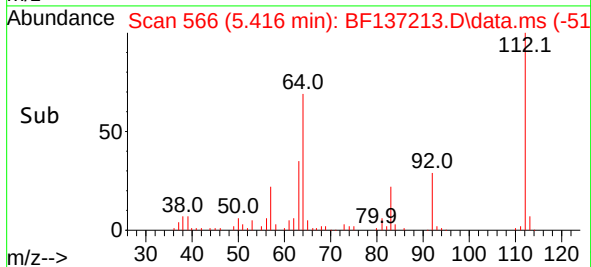
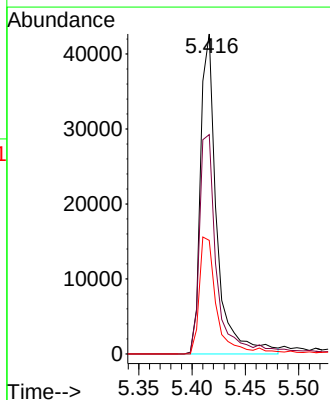
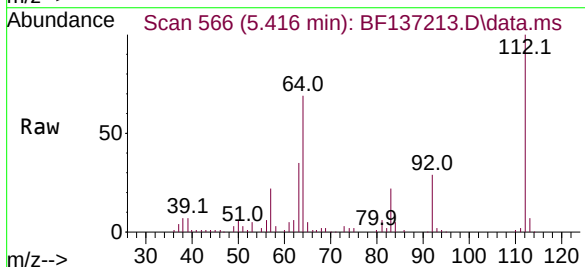
Instrument :
BNA_F
ClientSampleId :
EO-01-013024

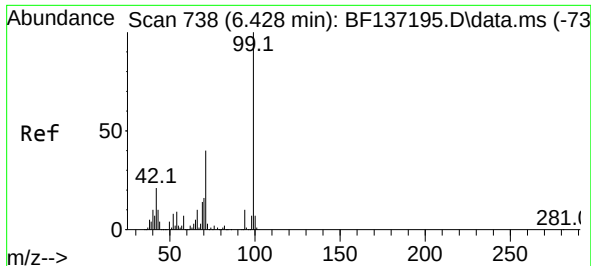
Tgt Ion:152 Resp: 37620
Ion Ratio Lower Upper
152 100
150 163.1 129.8 194.8
115 73.9 58.5 87.7



#5
2-Fluorophenol
Concen: 19.775 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Tgt Ion:112 Resp: 45085
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.6
63 35.5 31.4 47.0

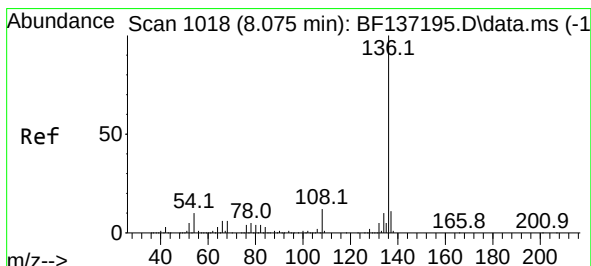
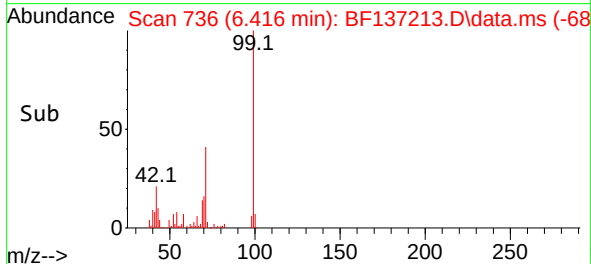
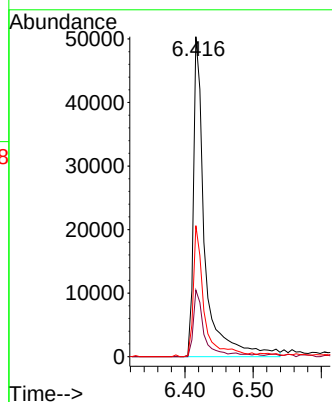
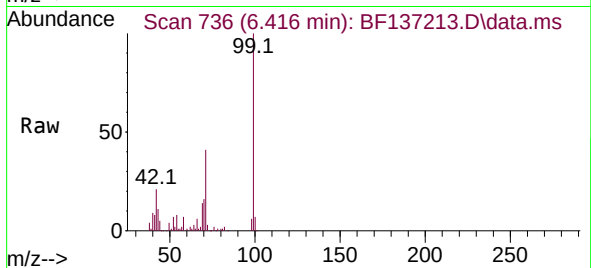




#7
Phenol-d6
Concen: 18.068 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

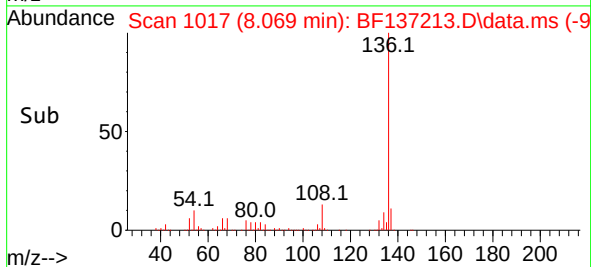
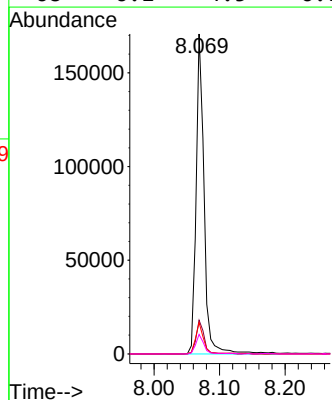
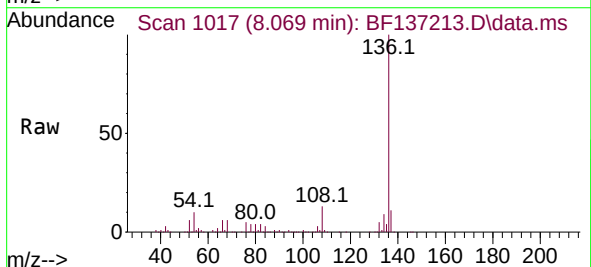
Instrument :
BNA_F
ClientSampleId :
EO-01-013024

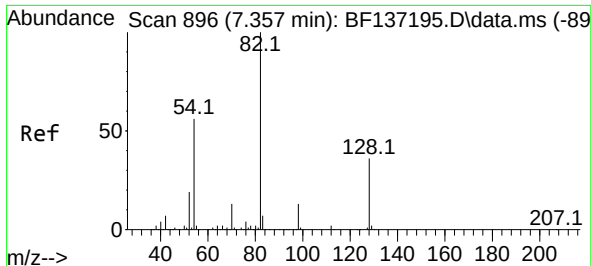
Tgt Ion: 99 Resp: 58787
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 40.9 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Tgt Ion: 136 Resp: 144710
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.8 7.8 11.8
68 6.1 4.5 6.7

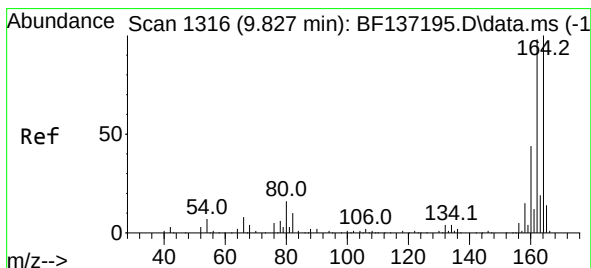
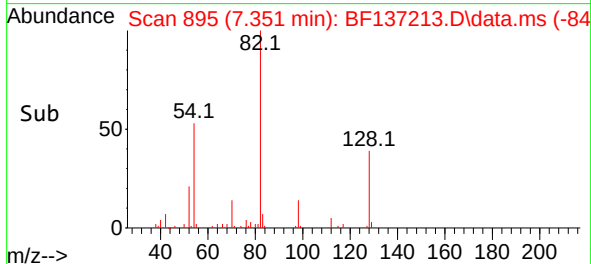
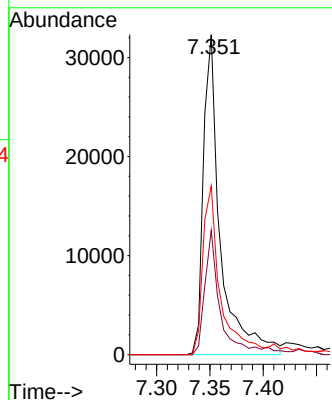
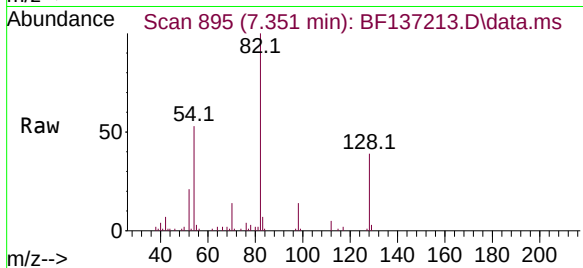




#23
Nitrobenzene-d5
Concen: 11.032 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

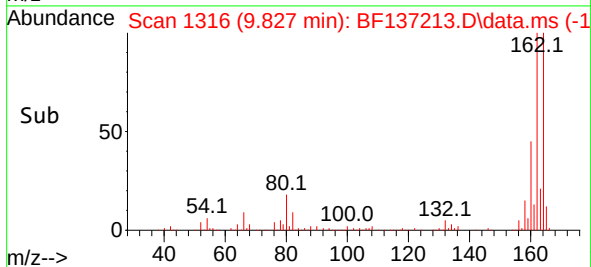
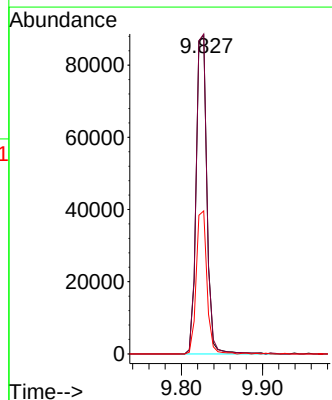
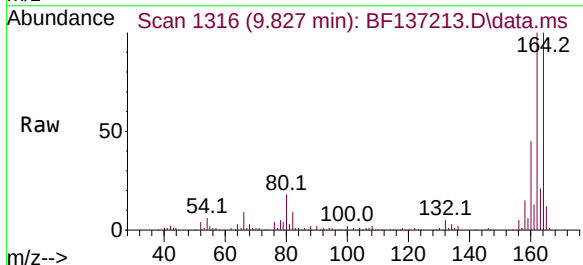
Instrument :
BNA_F
ClientSampleId :
EO-01-013024

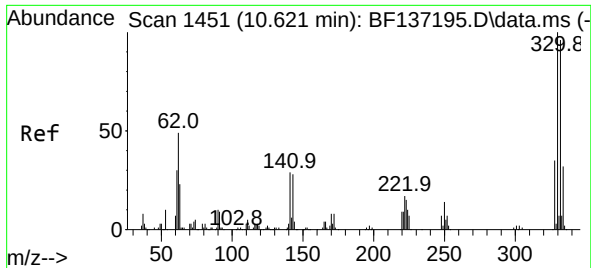
Tgt Ion: 82 Resp: 35657
Ion Ratio Lower Upper
82 100
128 38.8 29.1 43.7
54 52.7 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Tgt Ion:164 Resp: 80666
Ion Ratio Lower Upper
164 100
162 100.4 78.3 117.5
160 44.9 35.4 53.2

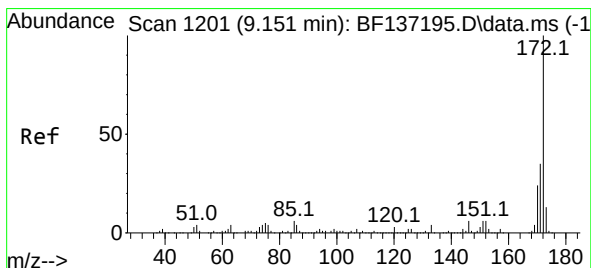
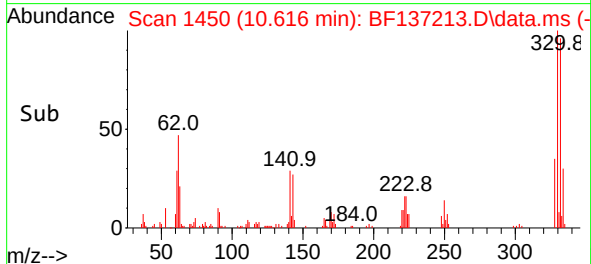
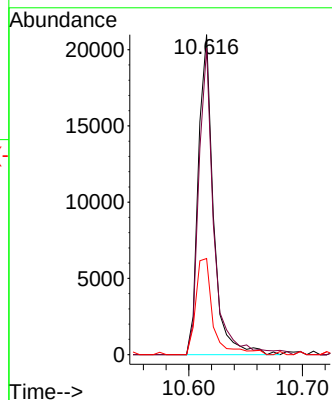
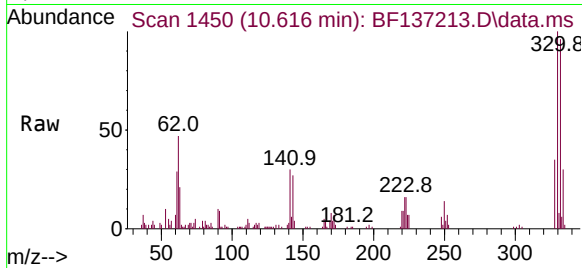




#42
 2,4,6-Tribromophenol
 Concen: 21.094 ng
 RT: 10.616 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF137213.D
 Acq: 31 Jan 2024 16:32

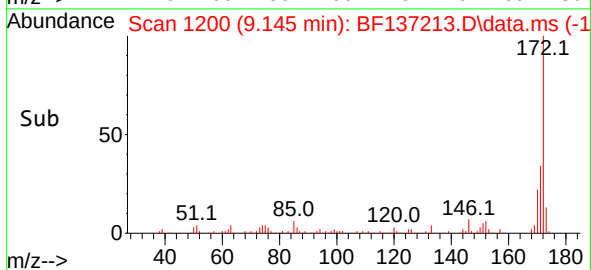
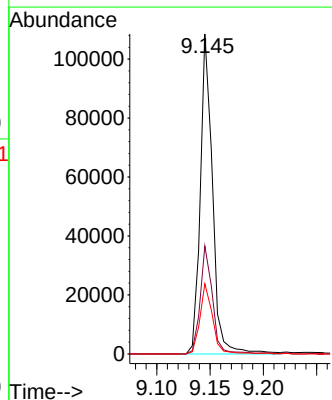
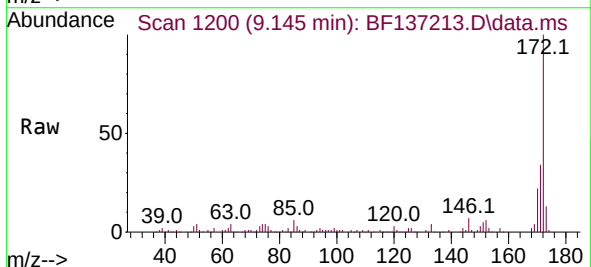
Instrument :
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 EO-01-013024

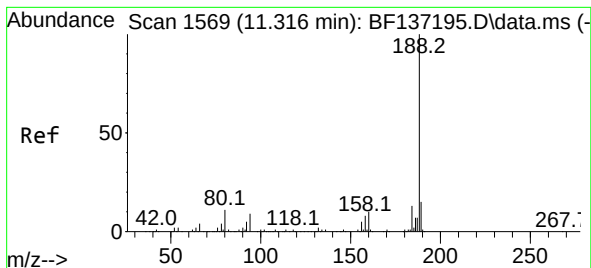
Tgt Ion:	330	Resp:	19217
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	34.4	25.2	37.8



#45
 2-Fluorobiphenyl
 Concen: 14.641 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF137213.D
 Acq: 31 Jan 2024 16:32

Tgt Ion:	172	Resp:	85914
Ion Ratio	Lower	Upper	
172	100		
171	33.7	28.3	42.5
170	21.9	19.1	28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

Instrument :

BNA_F

ClientSampleId :

EO-01-013024

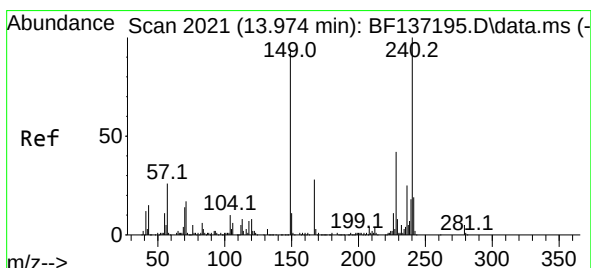
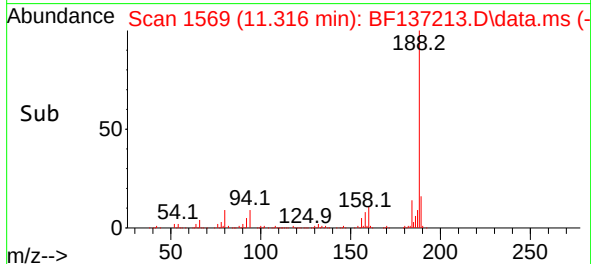
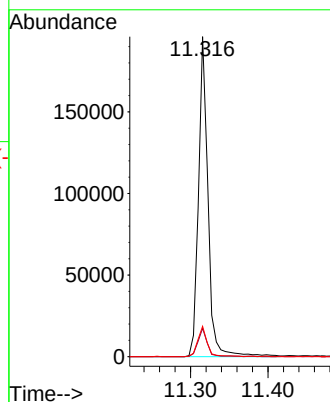
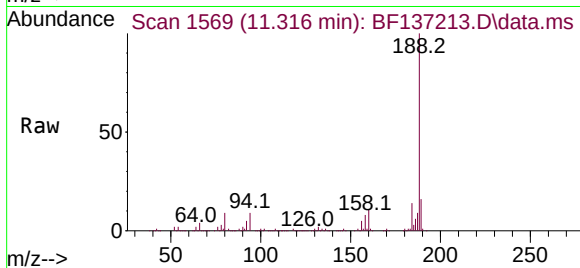
Tgt Ion:188 Resp: 167130

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.5 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

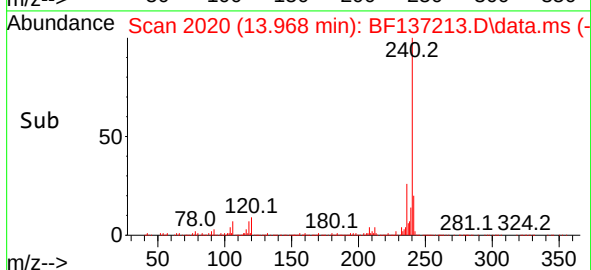
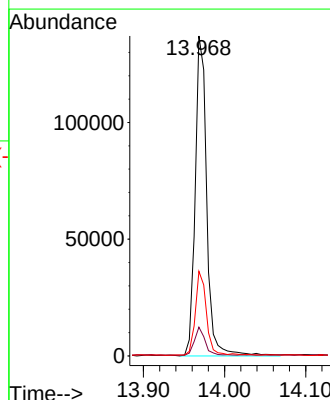
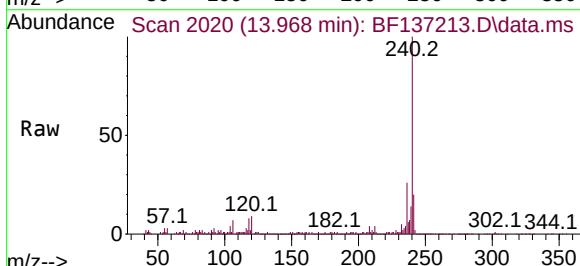
Tgt Ion:240 Resp: 135041

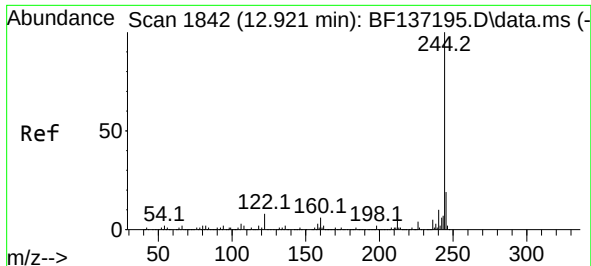
Ion Ratio Lower Upper

240 100

120 9.0 6.3 9.5

236 26.4 20.3 30.5

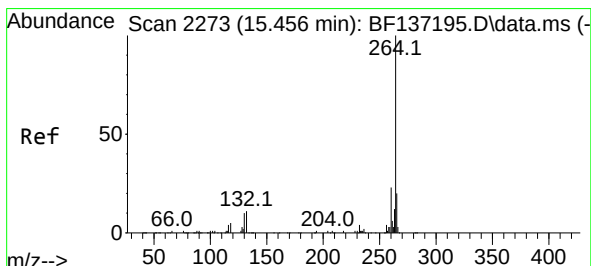
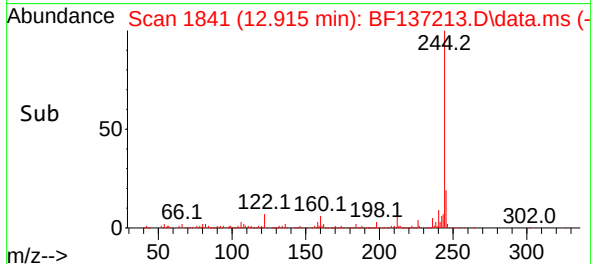
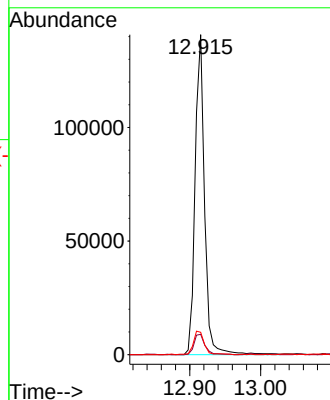
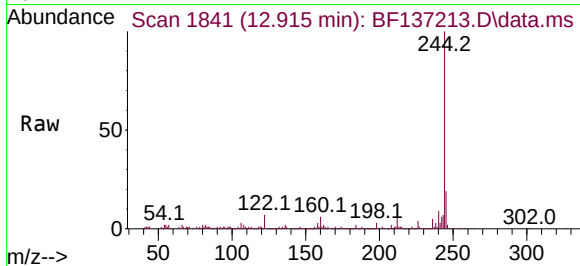




#79
 Terphenyl-d14
 Concen: 13.057 ng
 RT: 12.915 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF137213.D
 Acq: 31 Jan 2024 16:32

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-013024

Tgt Ion:244 Resp: 129707
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.5 8.3
 122 7.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137213.D
 Acq: 31 Jan 2024 16:32

Tgt Ion:264 Resp: 97507
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.4
 265 20.9 16.2 24.2

