

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137245.D
 Acq On : 01 Feb 2024 21:53
 Operator : CG\JU
 Sample : P1307-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-02

Quant Time: Feb 02 01:19:05 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	6.793	152	51907	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	198164	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	99660	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	170583	20.000	ng	0.00
76) Chrysene-d12	13.963	240	147517	20.000	ng	-0.01
86) Perylene-d12	15.445	264	83212	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	458486	145.749	ng	0.02
7) Phenol-d6	6.428	99	521723	116.216	ng	0.00
23) Nitrobenzene-d5	7.351	82	413605	93.447	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	154154	136.963	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	713696	98.444	ng	0.00
79) Terphenyl-d14	12.916	244	729453	67.223	ng	0.00

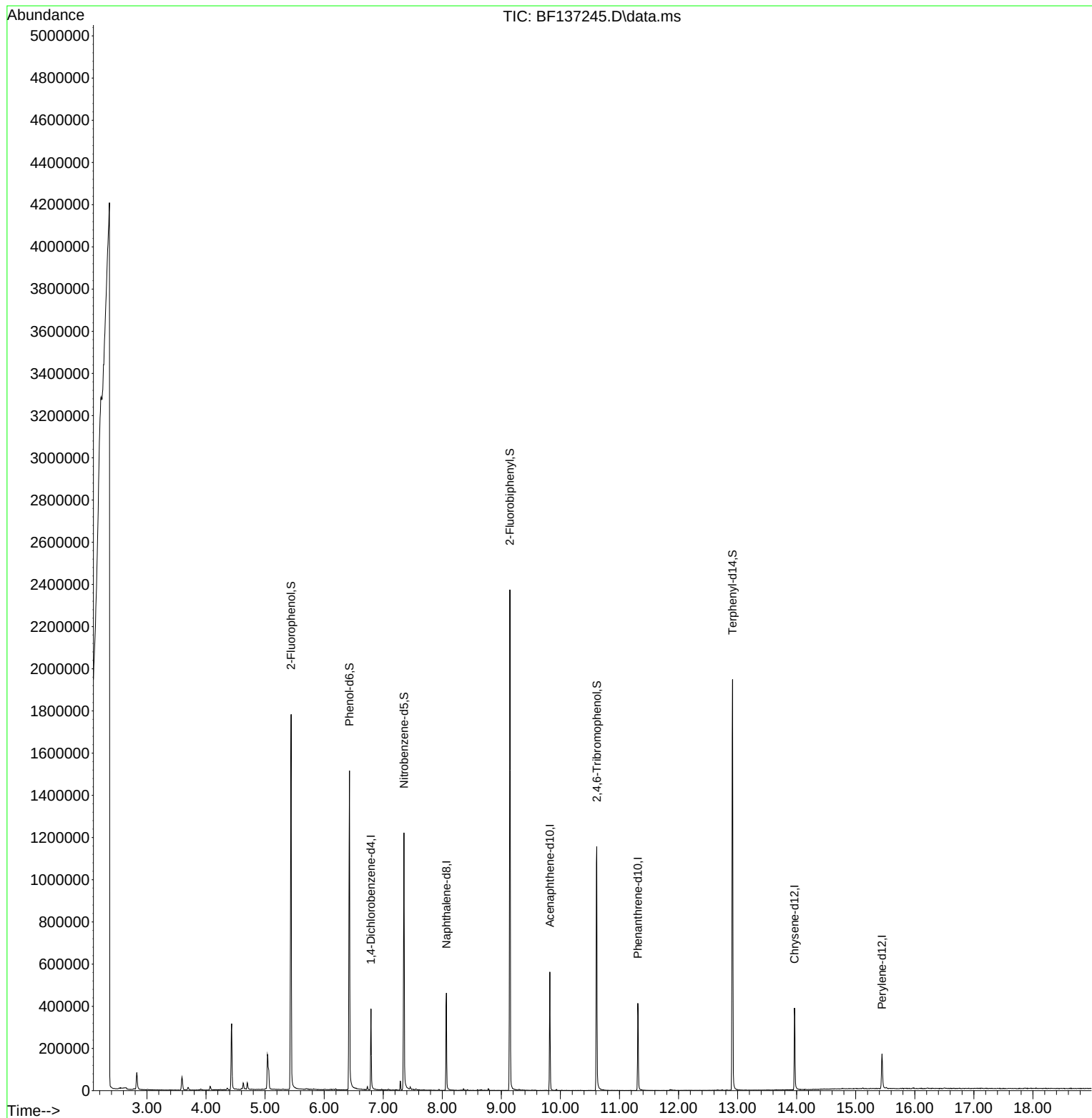
Target Compounds	Qvalue

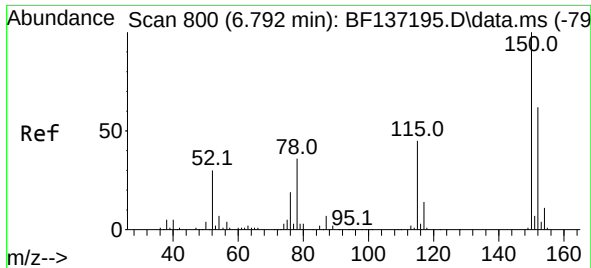
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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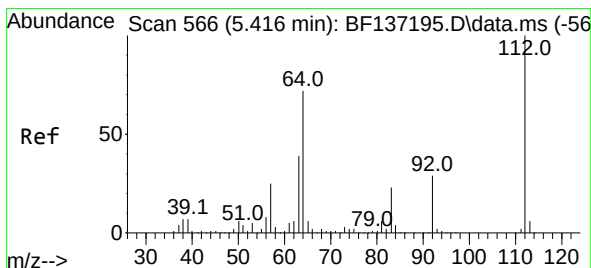
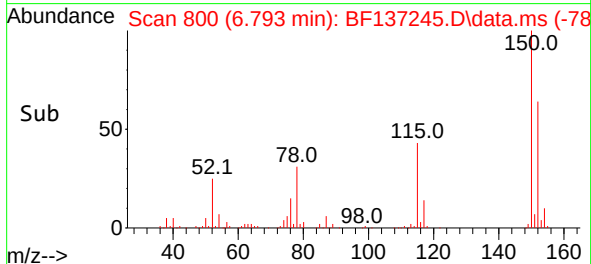
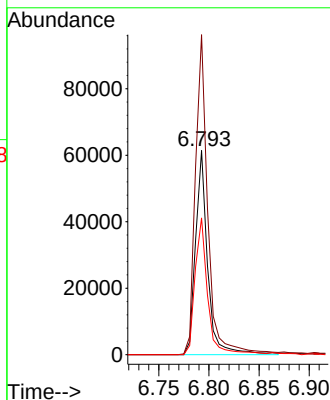
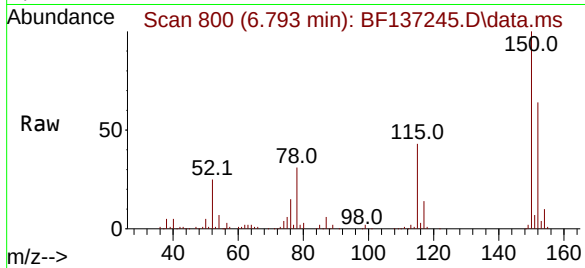




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. 0.001 min
 Lab File: BF137245.D
 Acq: 01 Feb 2024 21:53

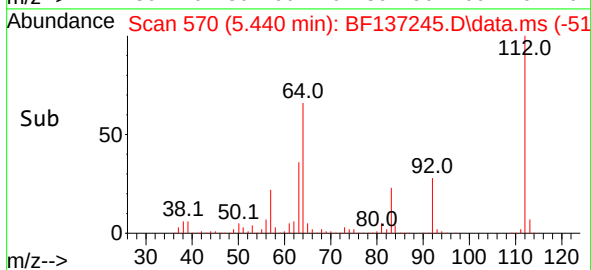
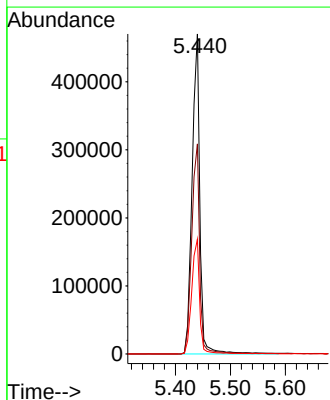
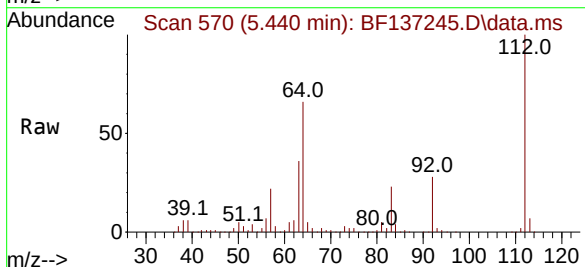
Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-02

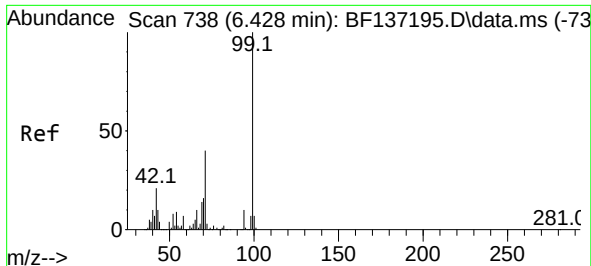
Tgt Ion:152 Resp: 51907
 Ion Ratio Lower Upper
 152 100
 150 156.8 129.8 194.8
 115 67.1 58.5 87.7



#5
 2-Fluorophenol
 Concen: 145.749 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.024 min
 Lab File: BF137245.D
 Acq: 01 Feb 2024 21:53

Tgt Ion:112 Resp: 458486
 Ion Ratio Lower Upper
 112 100
 64 65.7 57.8 86.6
 63 35.8 31.4 47.0

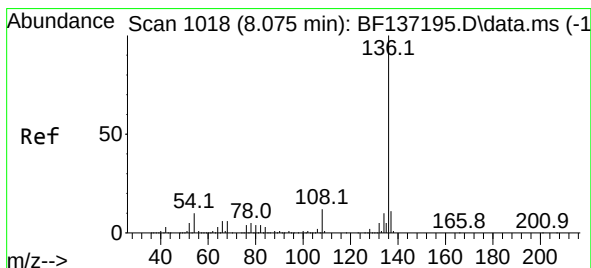
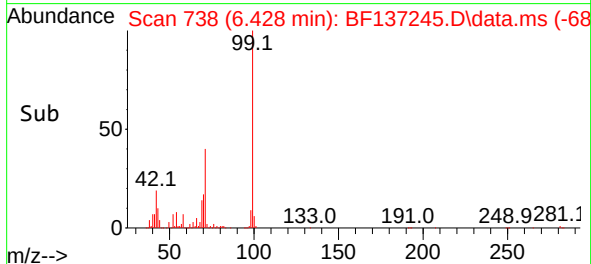
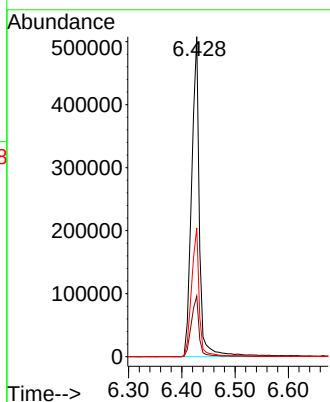
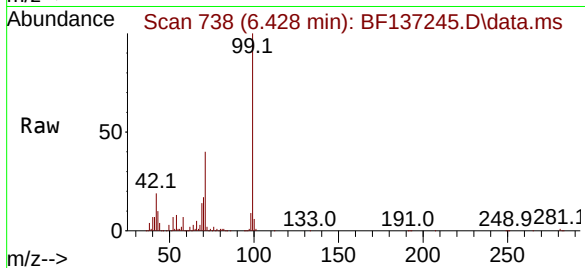




#7
Phenol-d6
Concen: 116.216 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137245.D
Acq: 01 Feb 2024 21:53

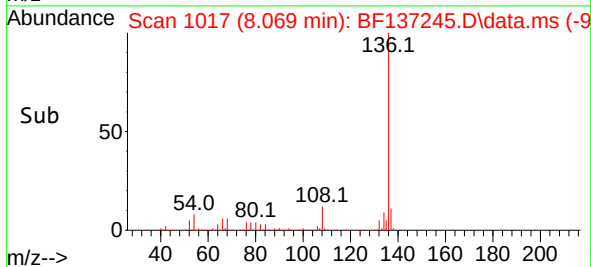
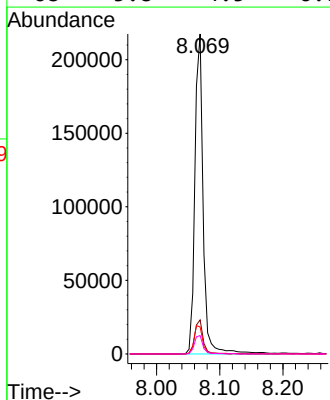
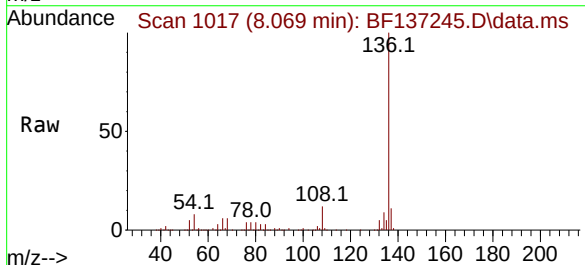
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-02

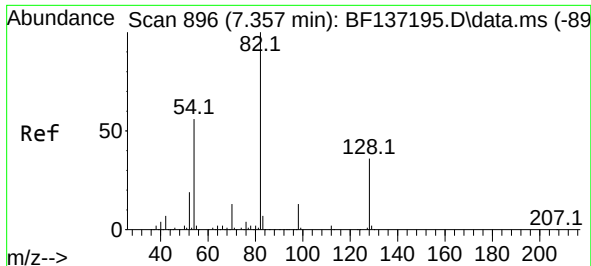
Tgt Ion: 99 Resp: 521723
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 40.3 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137245.D
Acq: 01 Feb 2024 21:53

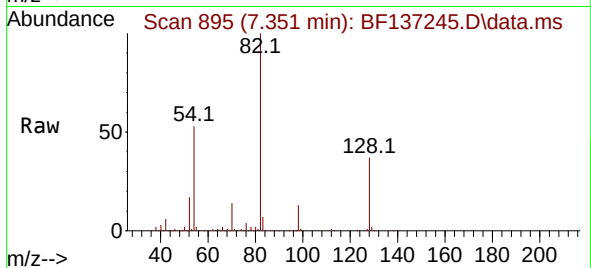
Tgt Ion: 136 Resp: 198164
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.5 7.8 11.8
68 5.8 4.5 6.7



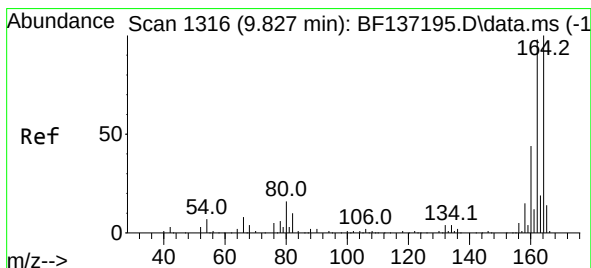
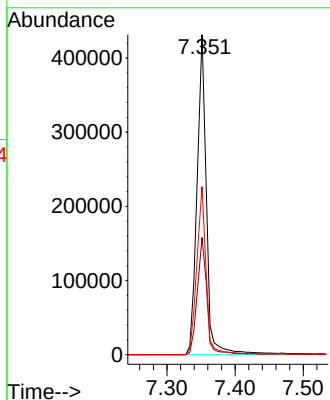
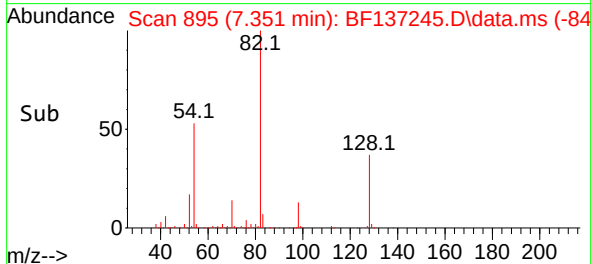


#23
Nitrobenzene-d5
Concen: 93.447 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137245.D
Acq: 01 Feb 2024 21:53

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-02

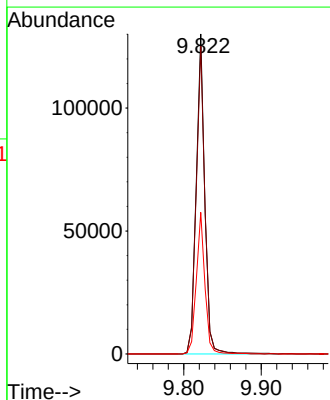
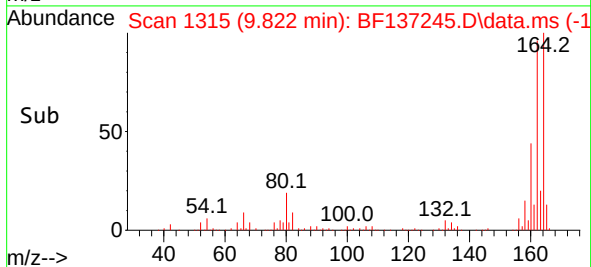
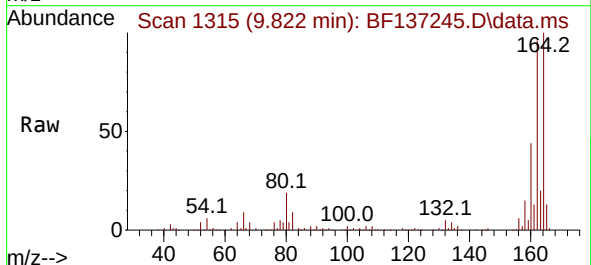


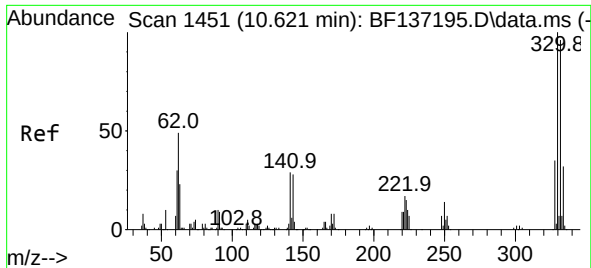
Tgt Ion: 82 Resp: 413605
Ion Ratio Lower Upper
82 100
128 36.6 29.1 43.7
54 52.6 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137245.D
Acq: 01 Feb 2024 21:53

Tgt Ion: 164 Resp: 99660
Ion Ratio Lower Upper
164 100
162 96.2 78.3 117.5
160 44.2 35.4 53.2

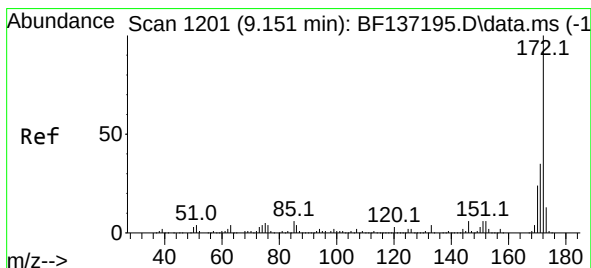
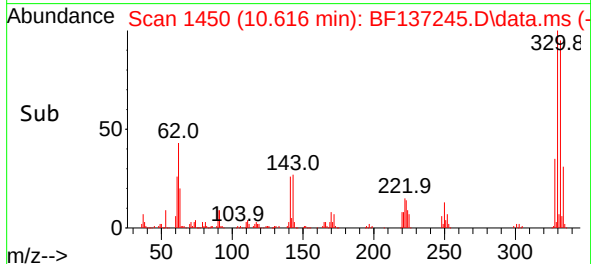
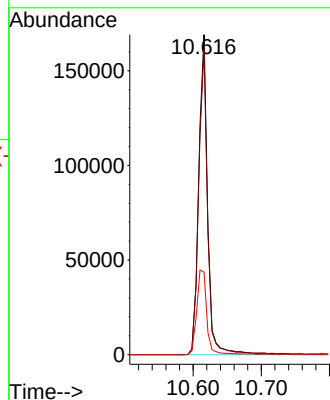
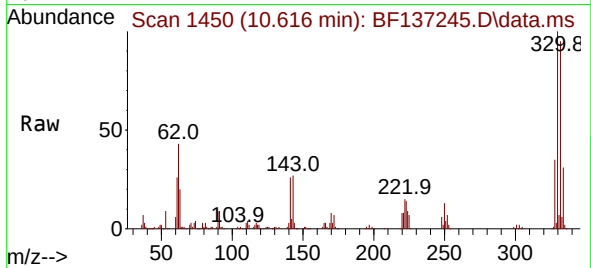




#42
2,4,6-Tribromophenol
Concen: 136.963 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137245.D
Acq: 01 Feb 2024 21:53

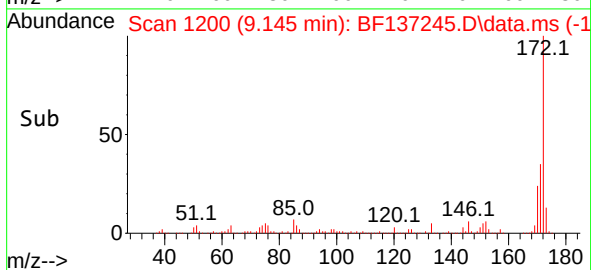
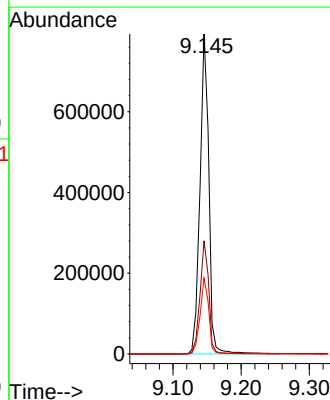
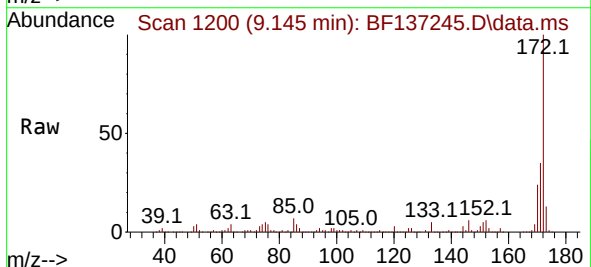
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-02

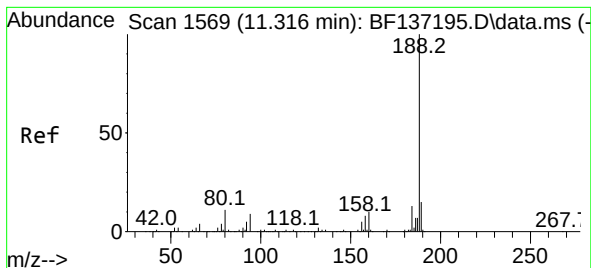
Tgt Ion:330 Resp: 154154
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 30.0 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 98.444 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137245.D
Acq: 01 Feb 2024 21:53

Tgt Ion:172 Resp: 713696
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137245.D

Acq: 01 Feb 2024 21:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-02

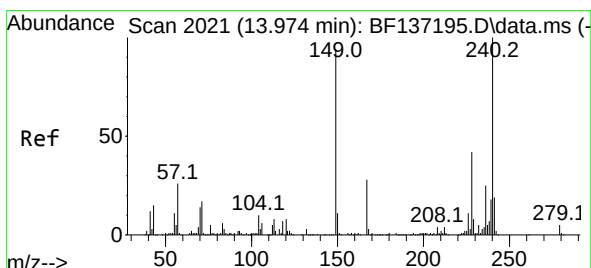
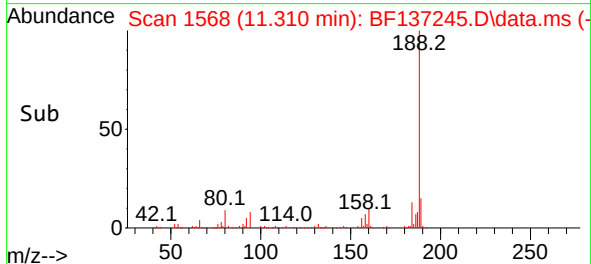
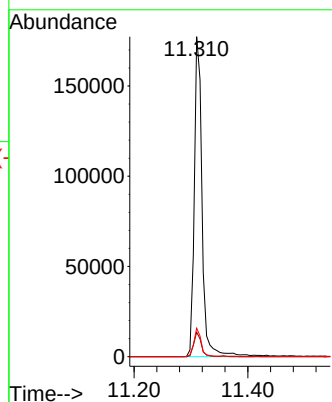
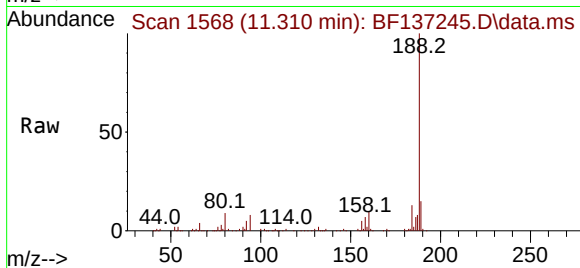
Tgt Ion:188 Resp: 170583

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 8.9 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: BF137245.D

Acq: 01 Feb 2024 21:53

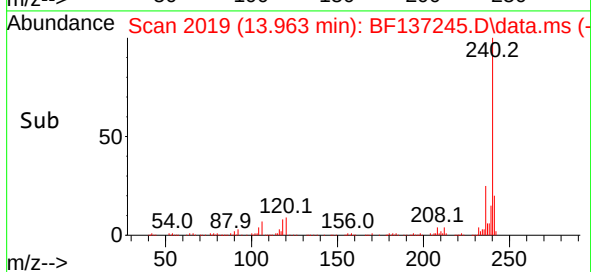
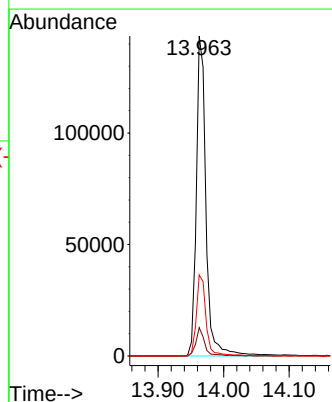
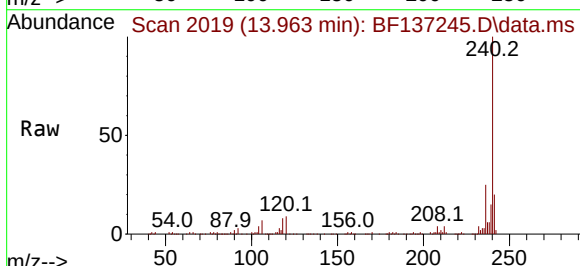
Tgt Ion:240 Resp: 147517

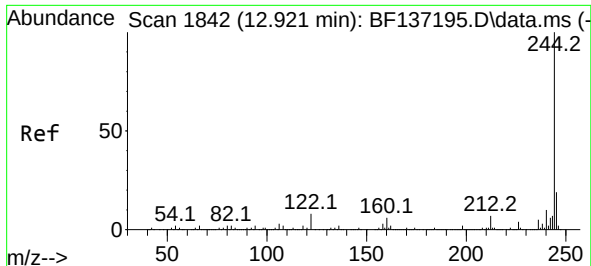
Ion Ratio Lower Upper

240 100

120 8.8 6.3 9.5

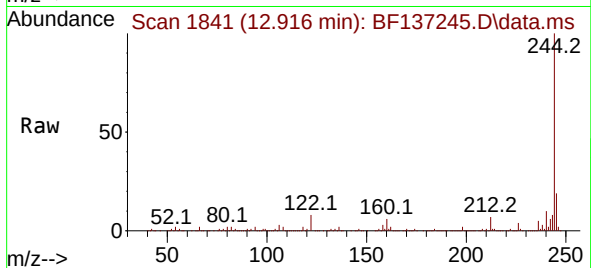
236 25.3 20.3 30.5



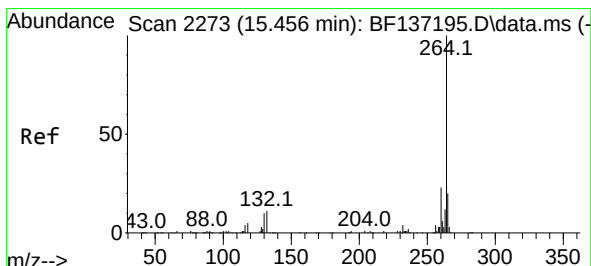
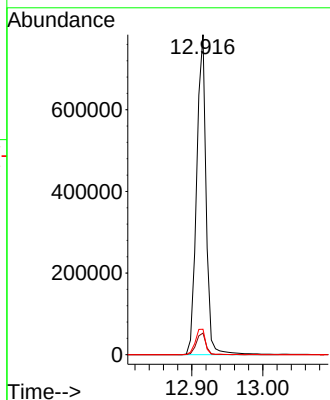
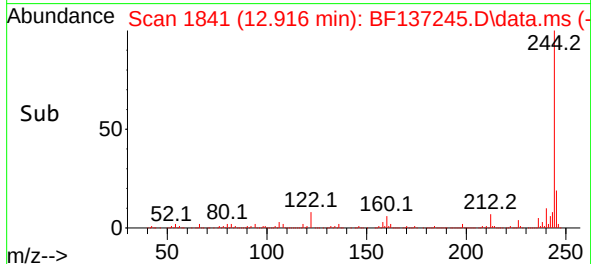


#79
Terphenyl-d14
Concen: 67.223 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137245.D
Acq: 01 Feb 2024 21:53

Instrument :
BNA_F
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Tgt Ion:244 Resp: 729453
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 8.0 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: BF137245.D
Acq: 01 Feb 2024 21:53

Tgt Ion:264 Resp: 83212
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 21.6 16.2 24.2

