

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137305.D
 Acq On : 06 Feb 2024 21:49
 Operator : CG\JU
 Sample : P1337-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Feb 07 01:07:37 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	56755	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	218183	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	126005	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	240943	20.000	ng	0.00
76) Chrysene-d12	13.968	240	161105	20.000	ng	0.00
86) Perylene-d12	15.451	264	147547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	595247	173.061	ng	0.02
7) Phenol-d6	6.428	99	697231	142.044	ng	0.00
23) Nitrobenzene-d5	7.351	82	571752	117.325	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	263182	184.943	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1012625	110.474	ng	0.00
79) Terphenyl-d14	12.921	244	1298121	109.539	ng	0.00

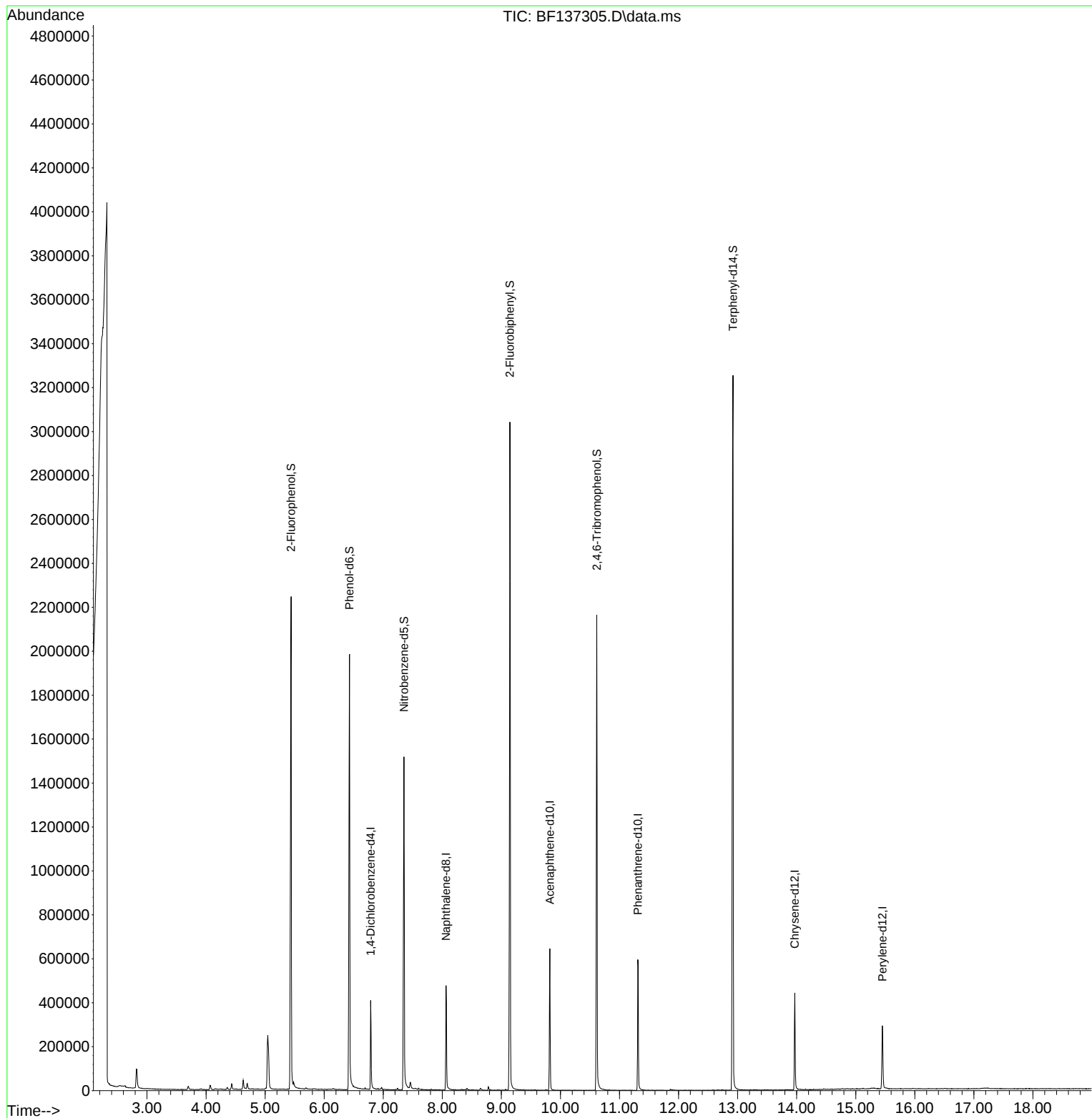
Target Compounds	Qvalue

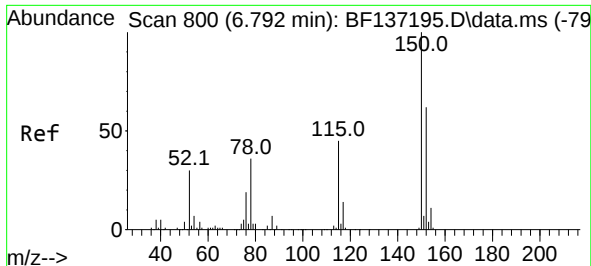
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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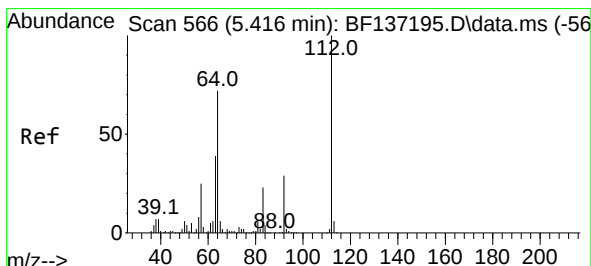
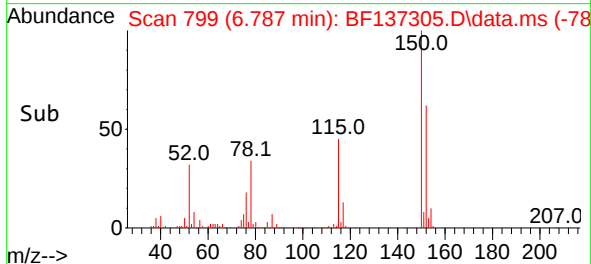
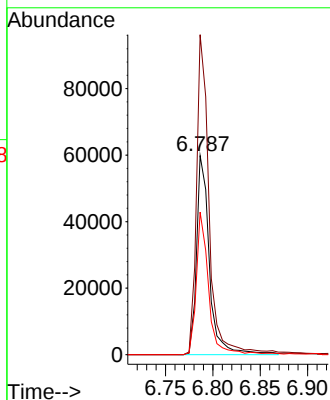
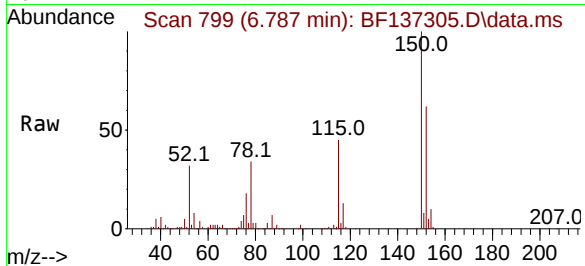




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 70
Delta R.T. -0.005 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

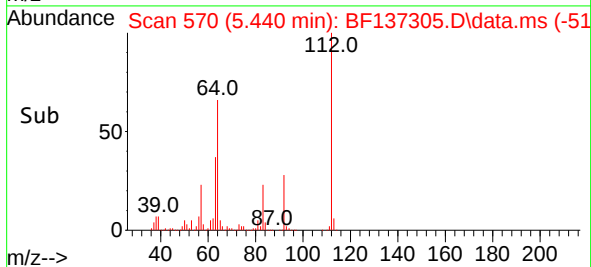
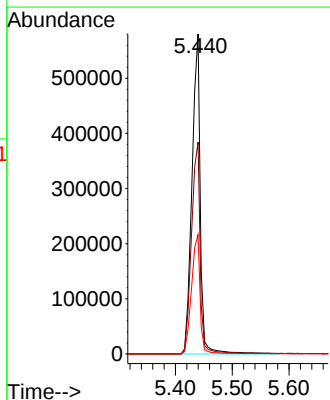
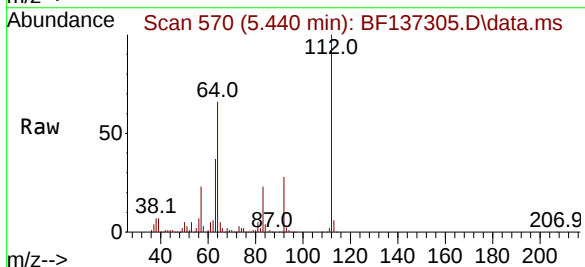
Instrument :
BNA_F
ClientSampleId :
TP-4

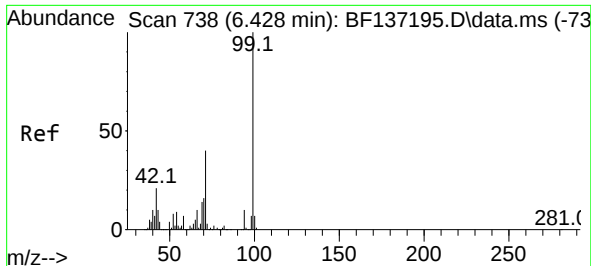
Tgt Ion:152 Resp: 56755
Ion Ratio Lower Upper
152 100
150 160.8 129.8 194.8
115 71.6 58.5 87.7



#5
2-Fluorophenol
Concen: 173.061 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

Tgt Ion:112 Resp: 595247
Ion Ratio Lower Upper
112 100
64 66.2 57.8 86.6
63 37.2 31.4 47.0

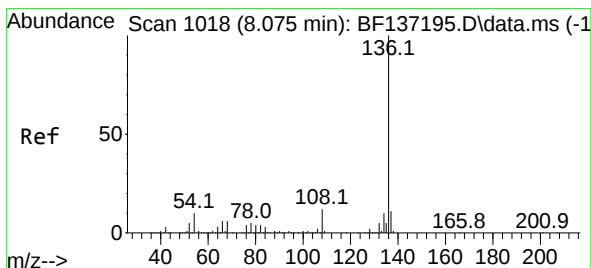
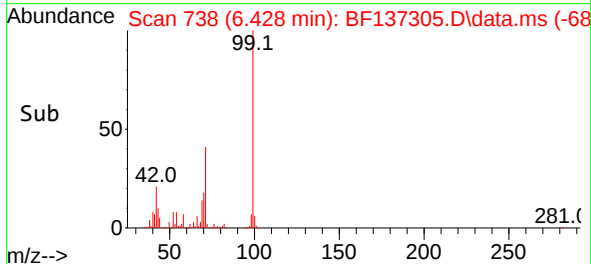
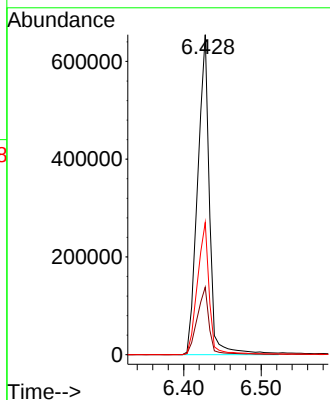
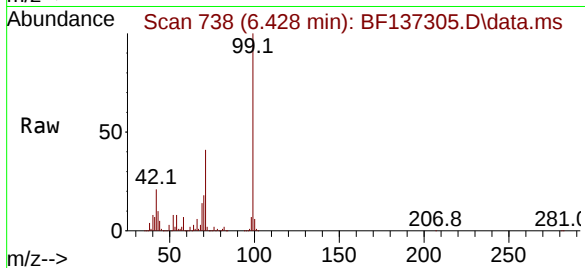




#7
Phenol-d6
Concen: 142.044 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

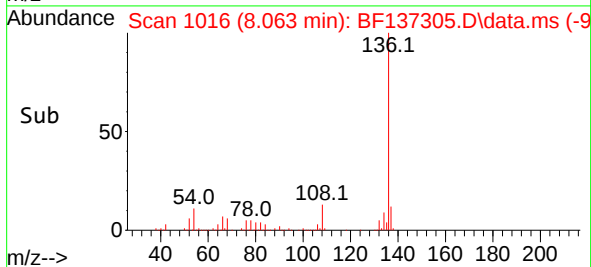
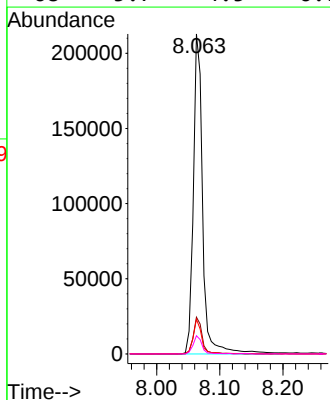
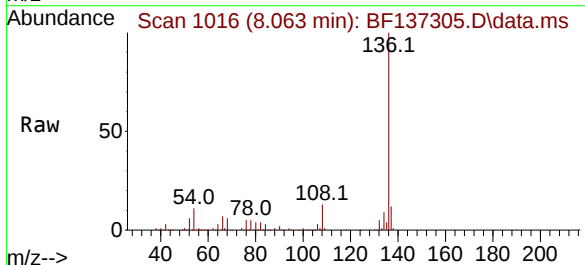
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:	99	Resp:	697231
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.4	24.6
71	41.3	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: BF137305.D
Acq: 06 Feb 2024 21:49

Tgt Ion:	136	Resp:	218183
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.9	7.8	11.8
68	5.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 117.325 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137305.D

Acq: 06 Feb 2024 21:49

Instrument :

BNA_F

ClientSampleId :

TP-4

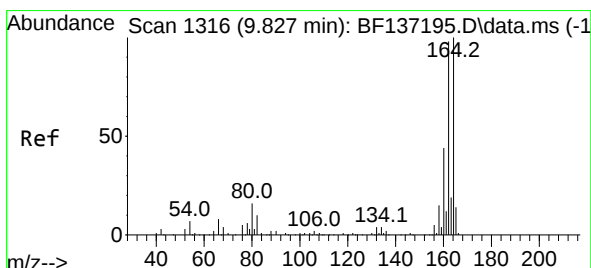
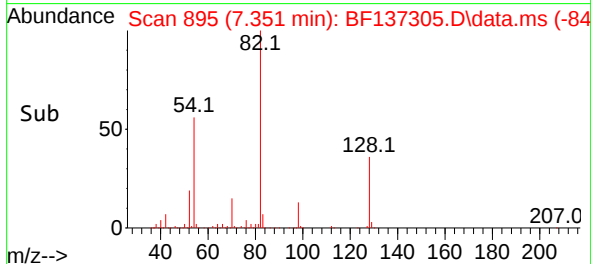
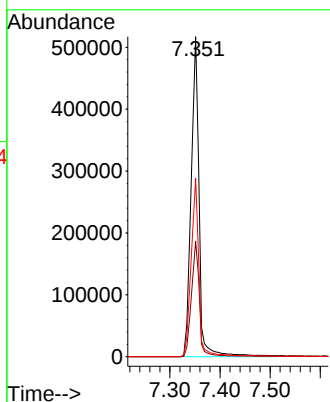
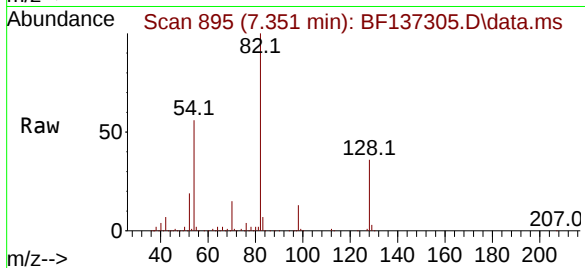
Tgt Ion: 82 Resp: 571752

Ion Ratio Lower Upper

82 100

128 36.2 29.1 43.7

54 55.7 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: BF137305.D

Acq: 06 Feb 2024 21:49

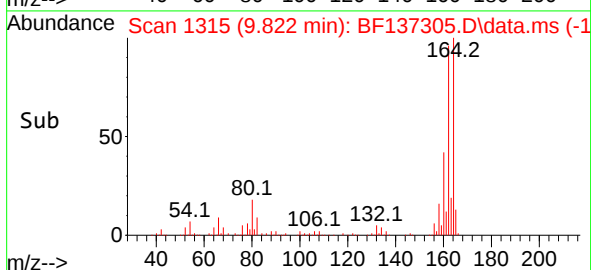
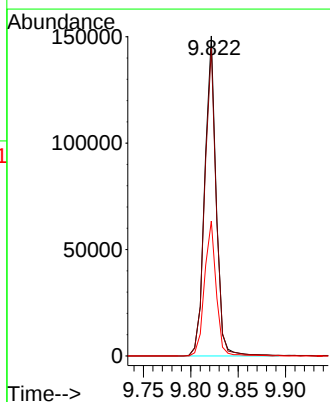
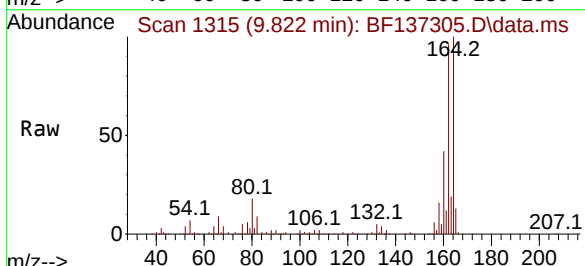
Tgt Ion:164 Resp: 126005

Ion Ratio Lower Upper

164 100

162 96.2 78.3 117.5

160 42.2 35.4 53.2

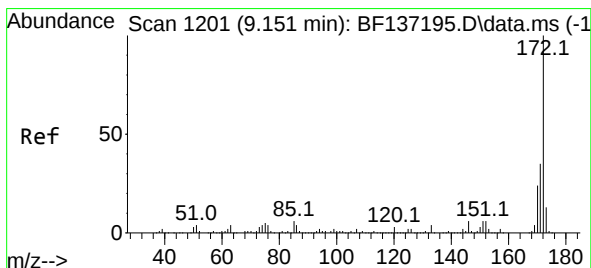
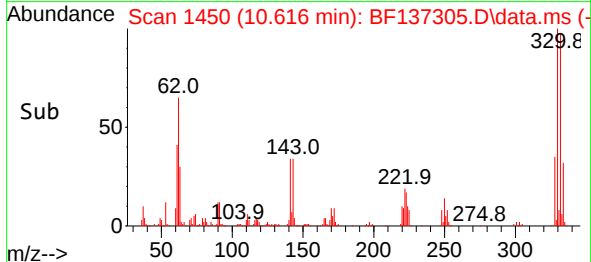
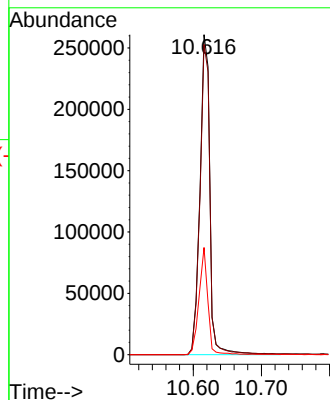
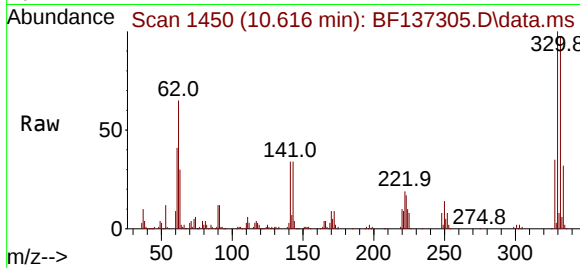




#42
2,4,6-Tribromophenol
Concen: 184.943 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

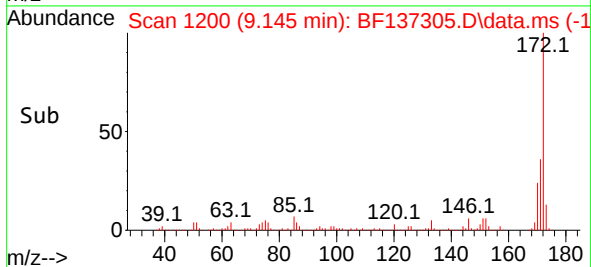
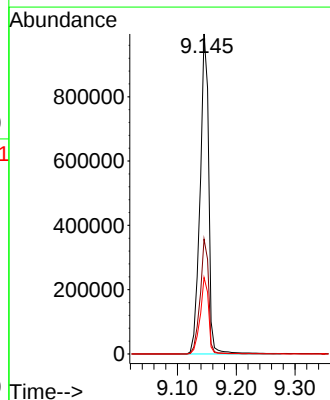
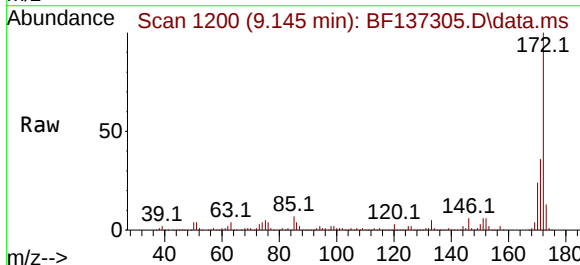
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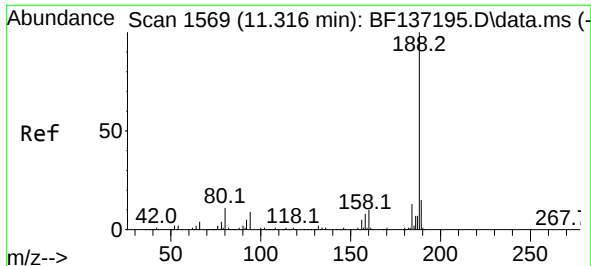
Tgt Ion:330 Resp: 263182
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 30.0 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 110.474 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

Tgt Ion:172 Resp: 1012625
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.9 19.1 28.7

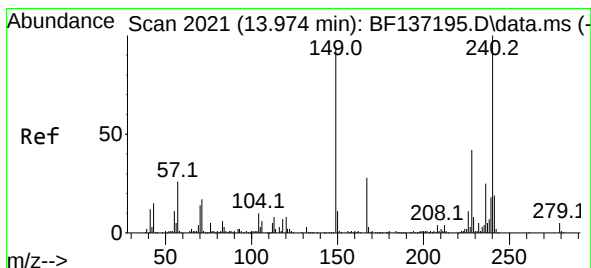
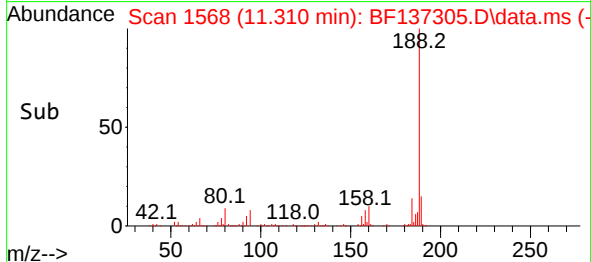
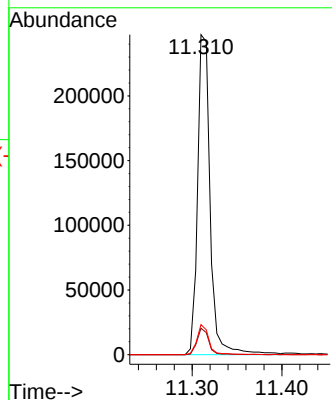
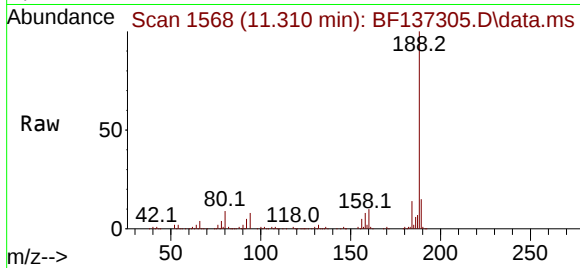




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

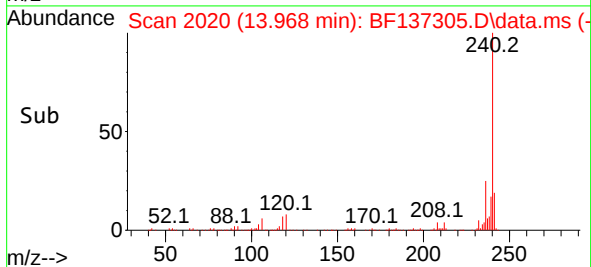
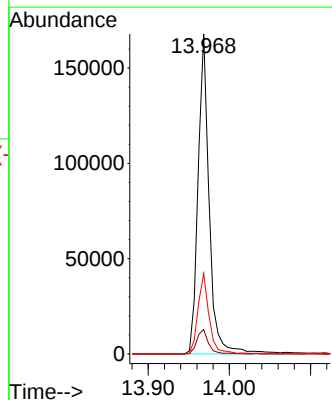
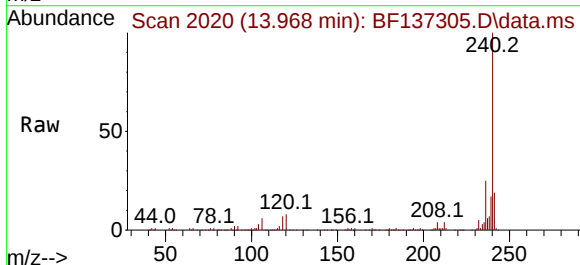
Instrument :
BNA_F
ClientSampleId :
TP-4

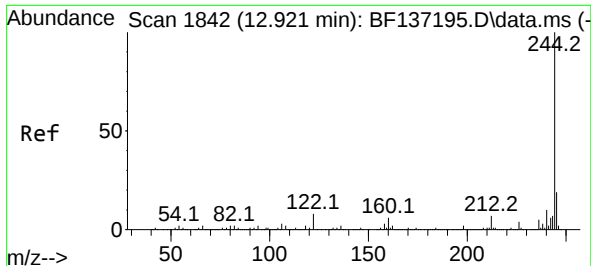
Tgt Ion:188 Resp: 240943
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.4 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

Tgt Ion:240 Resp: 161105
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 25.1 20.3 30.5

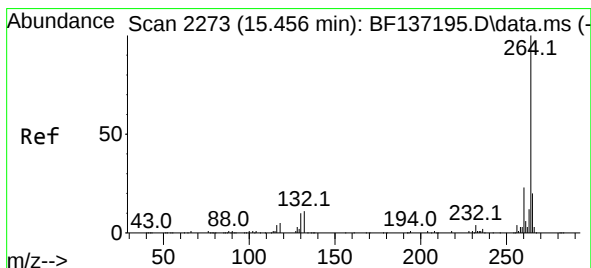
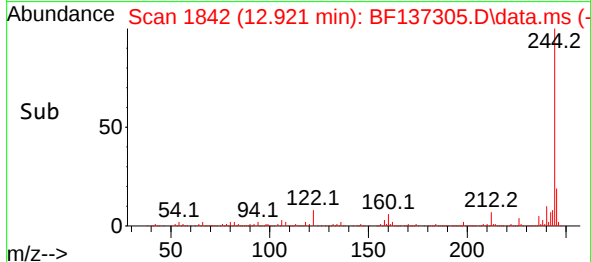
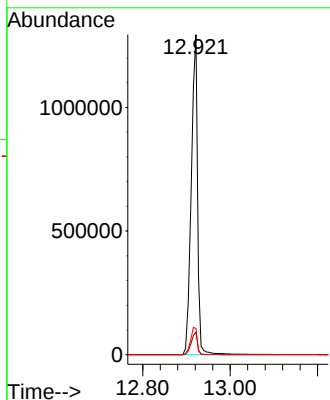
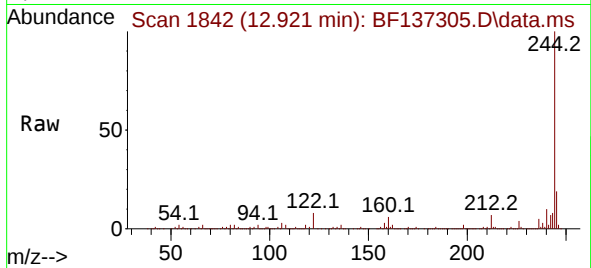




#79
Terphenyl-d14
Concen: 109.539 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 1298121
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 8.2 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF137305.D
Acq: 06 Feb 2024 21:49

Tgt Ion:264 Resp: 147547
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.4
265 21.4 16.2 24.2

