

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132628.D
 Acq On : 03 Mar 2023 14:51
 Operator : CG\JU
 Sample : 01759-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEP-1

Quant Time: Mar 04 02:17:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

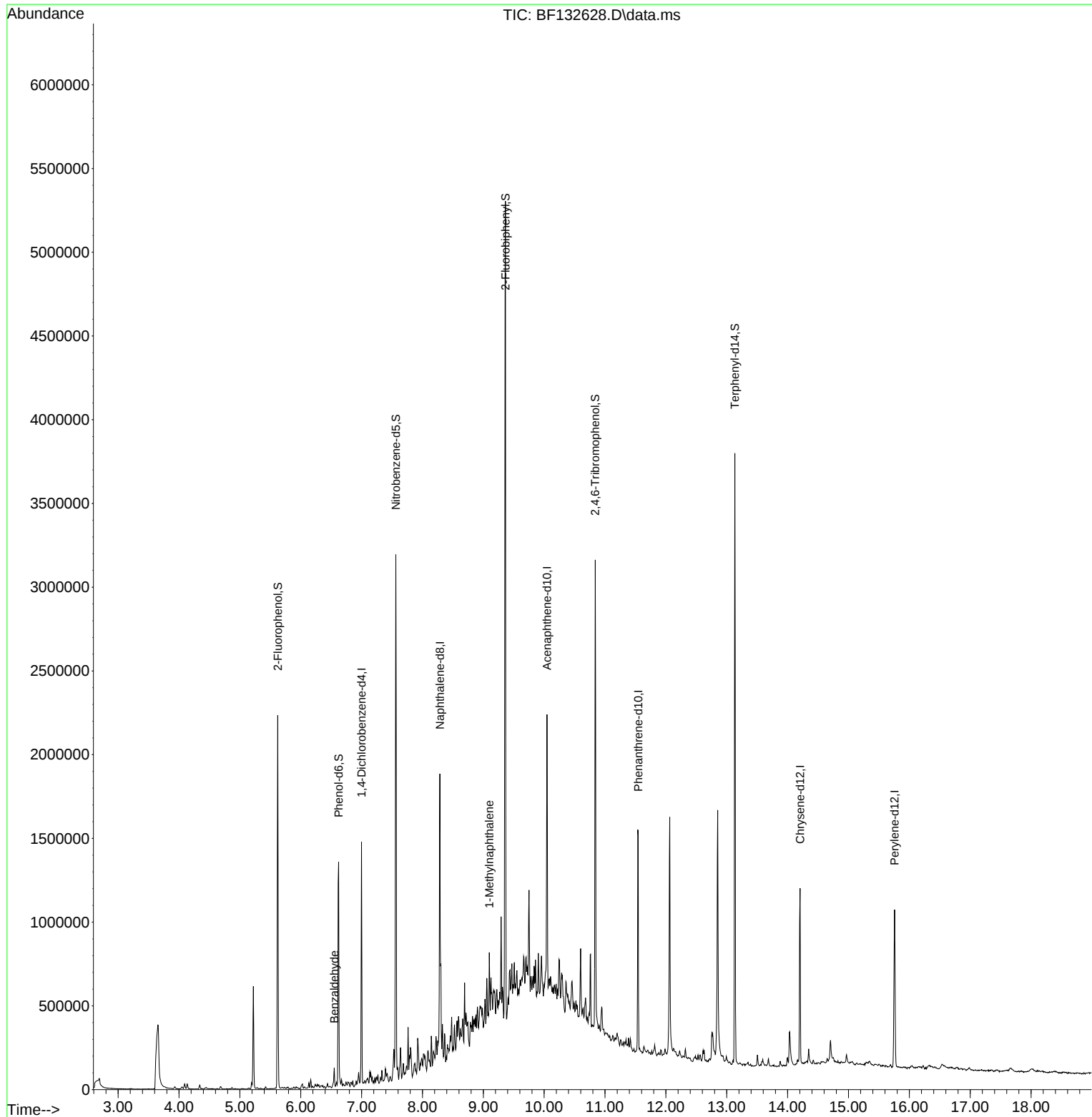
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	196364	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	680060	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	308126	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	520363	20.000	ng	# 0.00
76) Chrysene-d12	14.204	240	336166	20.000	ng	0.00
86) Perylene-d12	15.757	264	457415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	613703	50.723	ng	0.00
7) Phenol-d6	6.622	99	491697	31.139	ng	-0.01
23) Nitrobenzene-d5	7.563	82	1044572	72.875	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	346411	104.101	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1563006	77.239	ng	0.00
79) Terphenyl-d14	13.133	244	1272898	64.020	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.551	77	21077	2.474	ng	96
38) 1-Methylnaphthalene	9.098	142	82585	3.725	ng	97

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

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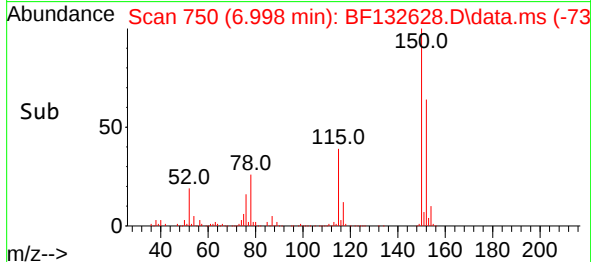
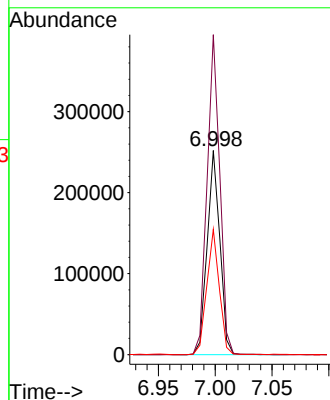
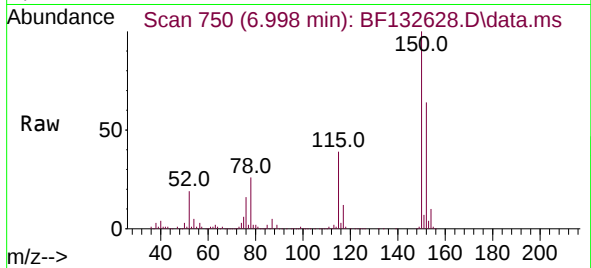




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

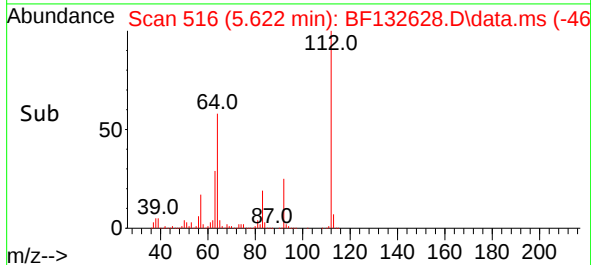
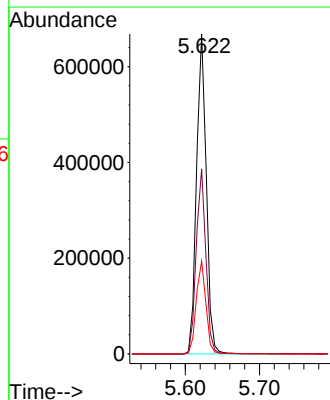
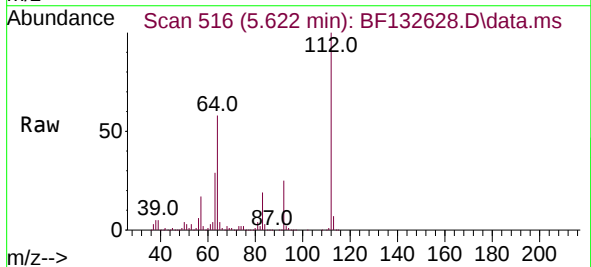
Instrument :
BNA_F
ClientSampleId :
DEP-1

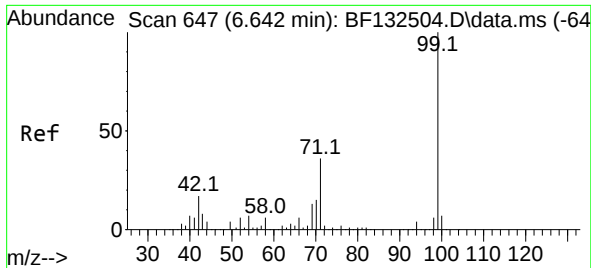
Tgt Ion:152 Resp: 196364
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.2
115 61.3 47.8 71.6



#5
2-Fluorophenol
Concen: 50.723 ng
RT: 5.622 min Scan# 516
Delta R.T. -0.009 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

Tgt Ion:112 Resp: 613703
Ion Ratio Lower Upper
112 100
64 57.8 51.6 77.4
63 29.0 27.4 41.2

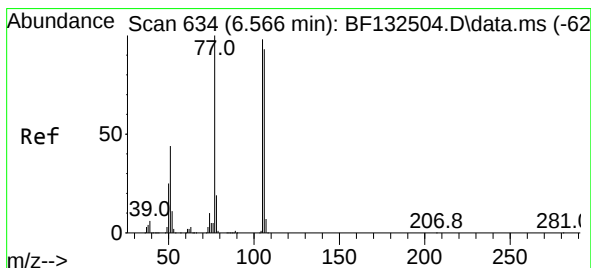
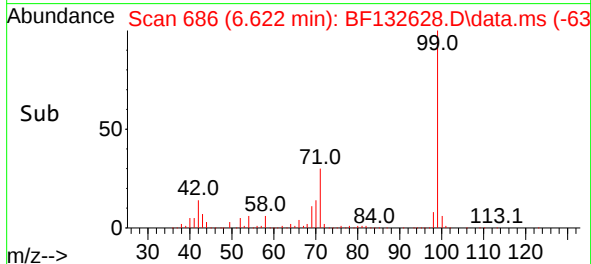
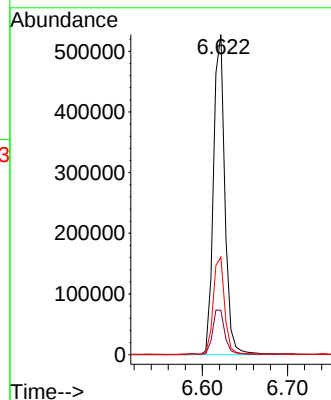
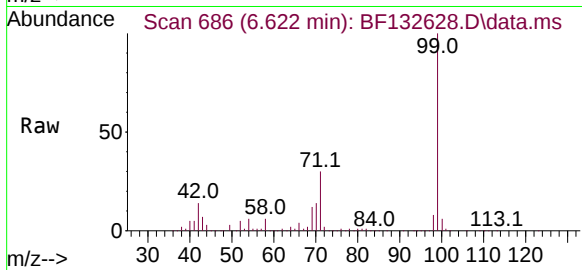




#7
Phenol-d6
Concen: 31.139 ng
RT: 6.622 min Scan# 686
Delta R.T. -0.015 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

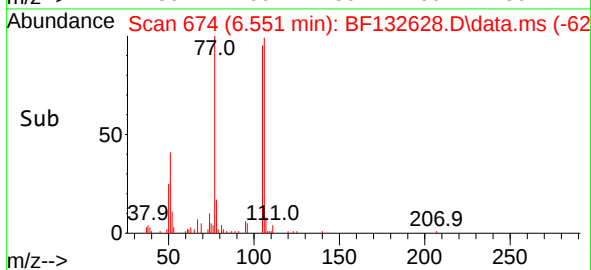
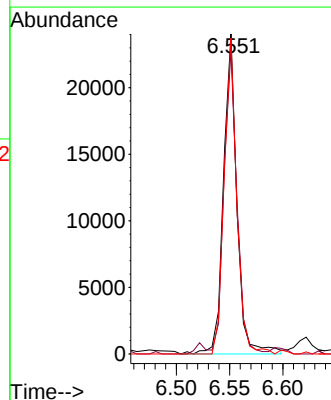
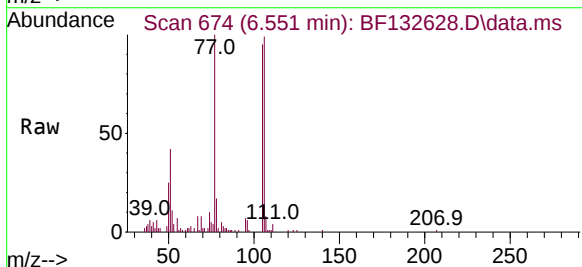
Instrument :
BNA_F
ClientSampleId :
DEP-1

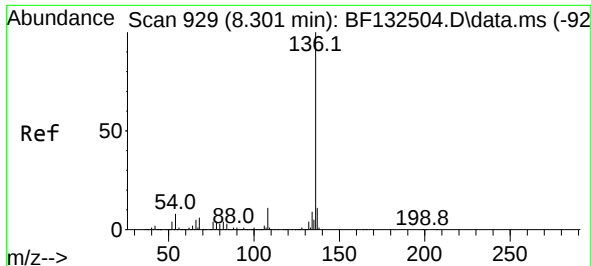
Tgt Ion: 99 Resp: 491697
Ion Ratio Lower Upper
99 100
42 13.8 13.9 20.9#
71 30.5 28.5 42.7



#9
Benzaldehyde
Concen: 2.474 ng
RT: 6.551 min Scan# 674
Delta R.T. -0.009 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

Tgt Ion: 77 Resp: 21077
Ion Ratio Lower Upper
77 100
105 94.8 77.9 117.9
106 98.7 73.4 113.4

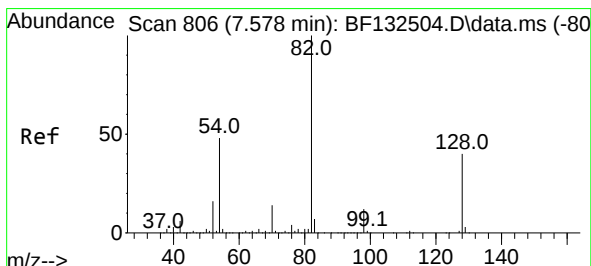
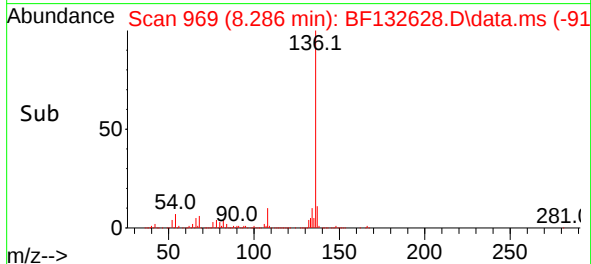
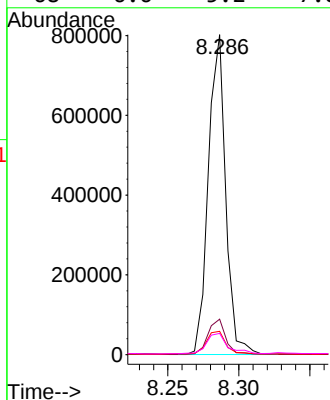
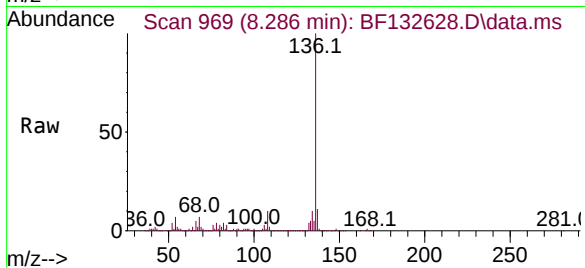




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

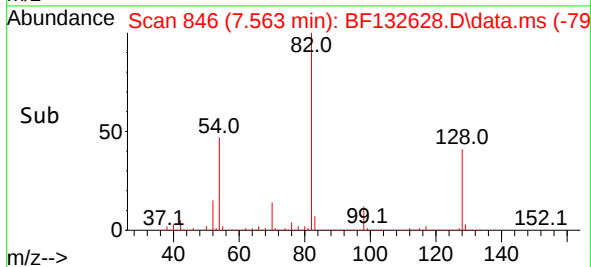
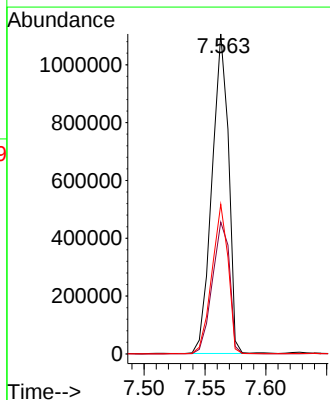
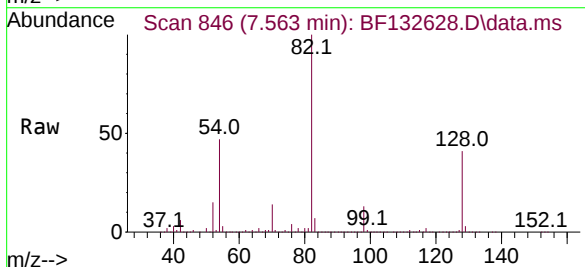
Instrument :
BNA_F
ClientSampleId :
DEP-1

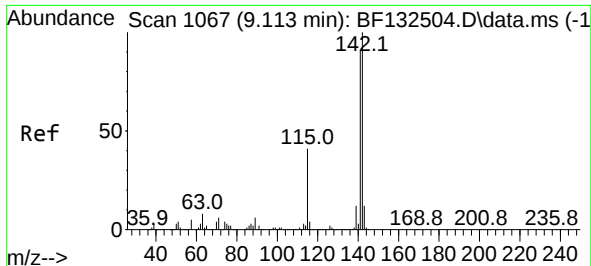
Tgt Ion:136 Resp: 680060
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.3 6.2 9.4
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 72.875 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

Tgt Ion: 82 Resp: 1044572
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.2
54 46.7 38.4 57.6

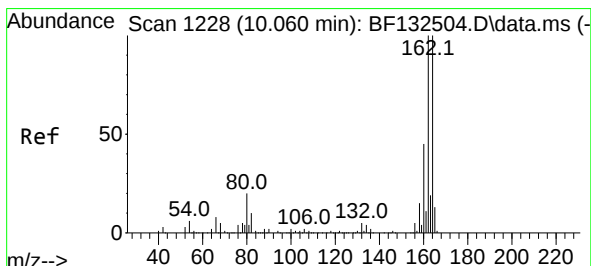
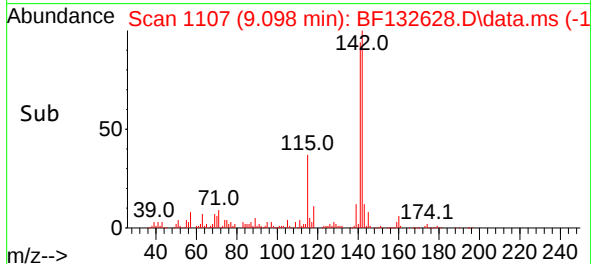
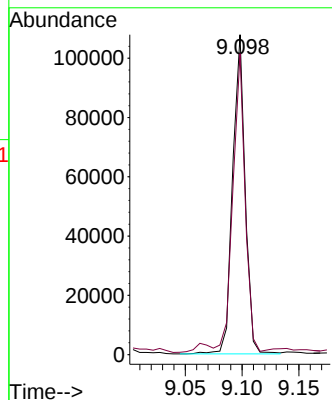
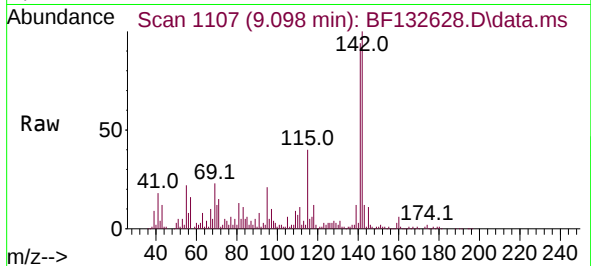




#38
1-Methylnaphthalene
Concen: 3.725 ng
RT: 9.098 min Scan# 1107
Delta R.T. -0.009 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

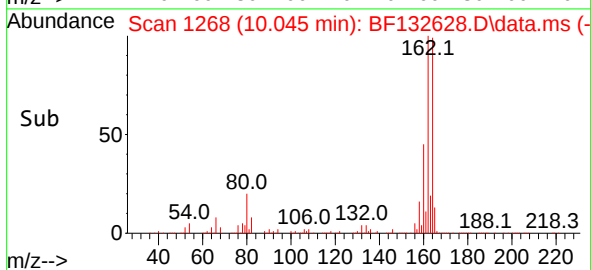
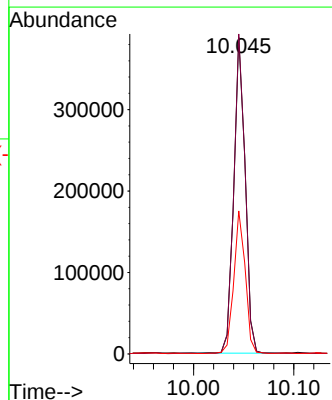
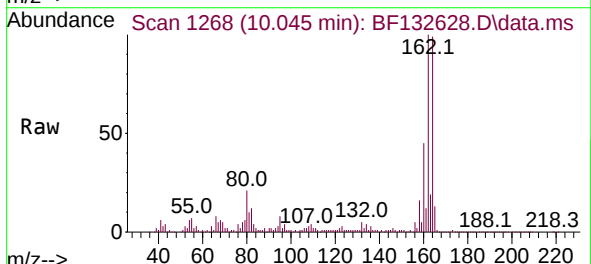
Instrument :
BNA_F
ClientSampleId :
DEP-1

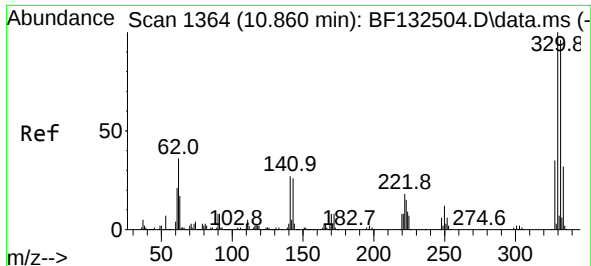
Tgt Ion:142 Resp: 82585
Ion Ratio Lower Upper
142 100
141 94.1 73.0 109.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

Tgt Ion:164 Resp: 308126
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.8
160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 104.101 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132628.D

Acq: 03 Mar 2023 14:51

Instrument :

BNA_F

ClientSampleId :

DEP-1

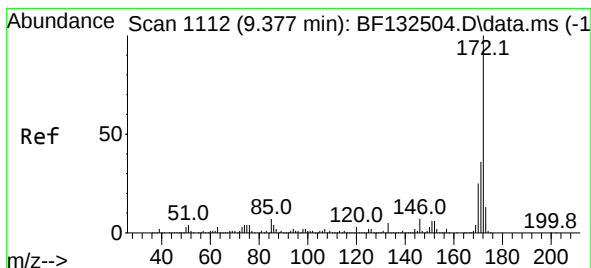
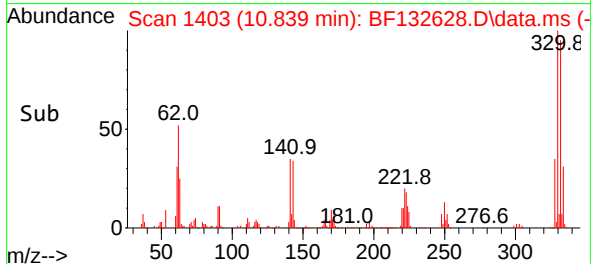
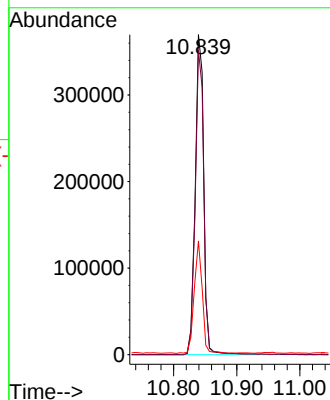
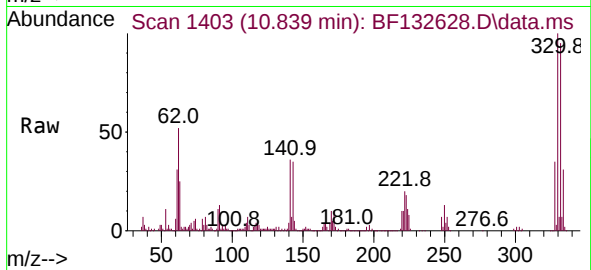
Tgt Ion:330 Resp: 346411

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 33.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 77.239 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132628.D

Acq: 03 Mar 2023 14:51

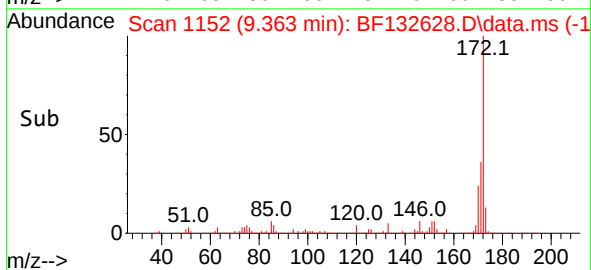
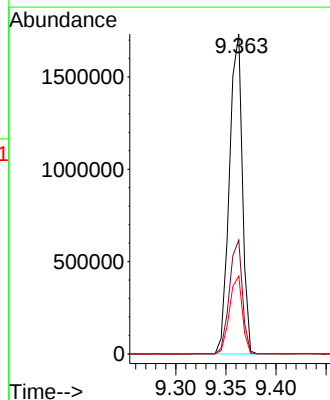
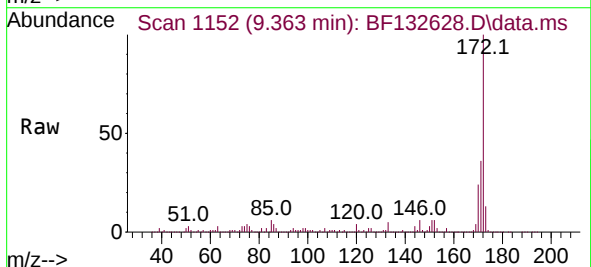
Tgt Ion:172 Resp: 1563006

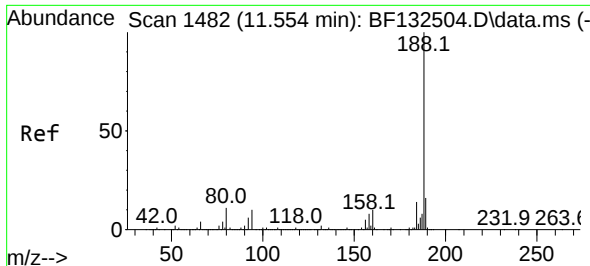
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.3 19.7 29.5

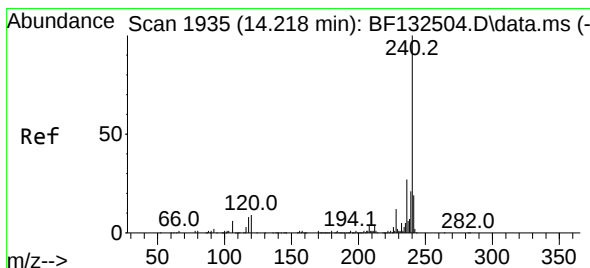
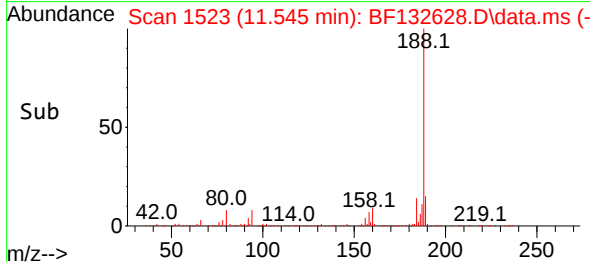
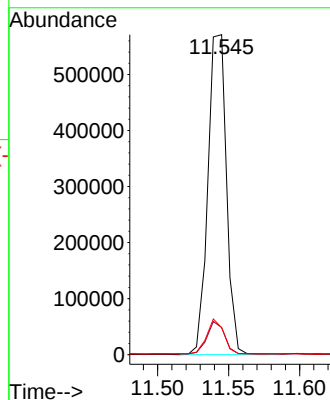
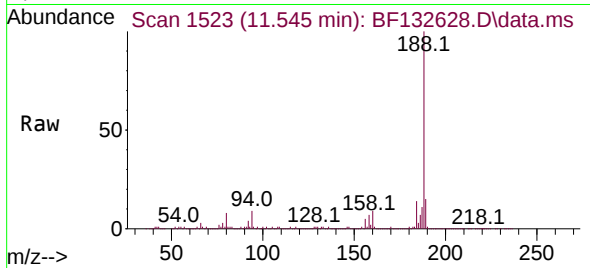




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1153
Delta R.T. -0.003 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

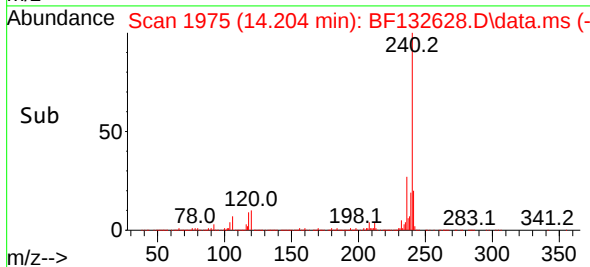
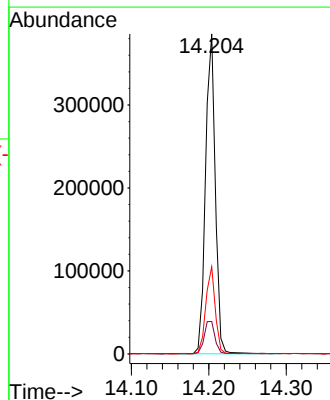
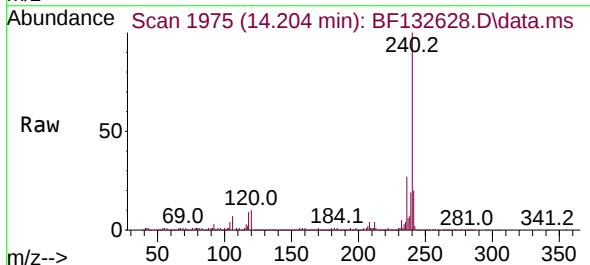
Instrument :
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DEP-1

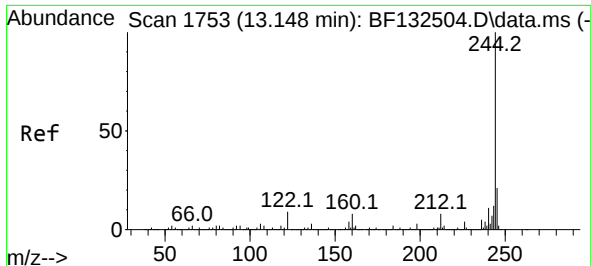
Tgt Ion:188 Resp: 520363
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 8.4 8.7 13.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132628.D
Acq: 03 Mar 2023 14:51

Tgt Ion:240 Resp: 336166
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 27.2 21.8 32.6

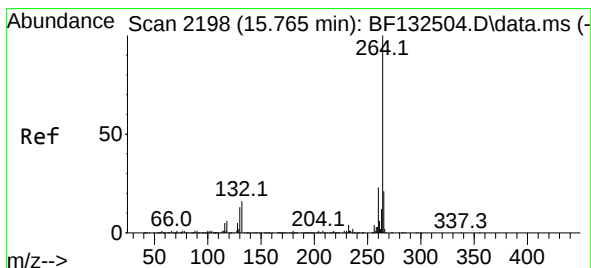
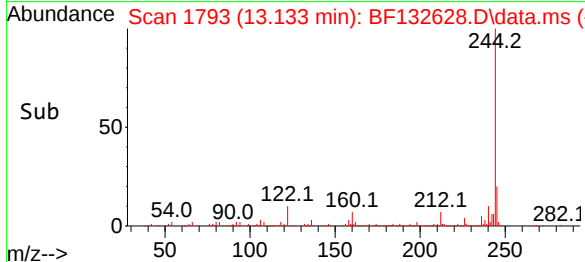
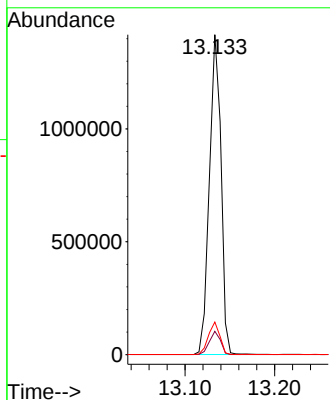
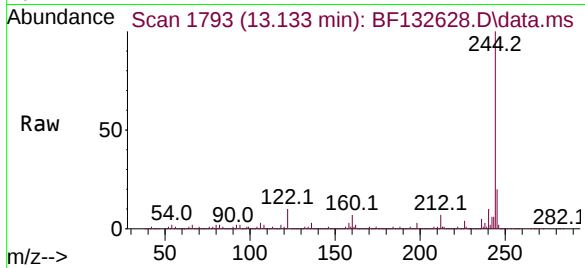




#79
 Terphenyl-d14
 Concen: 64.020 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132628.D
 Acq: 03 Mar 2023 14:51

Instrument :
 BNA_F
 ClientSampleId :
 DEP-1

Tgt Ion:244 Resp: 1272898
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 10.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132628.D
 Acq: 03 Mar 2023 14:51

Tgt Ion:264 Resp: 457415
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.6 17.1 25.7

