

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137326.D
 Acq On : 07 Feb 2024 18:06
 Operator : CG\JU
 Sample : P1366-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1-4-6

Quant Time: Feb 08 01:08:27 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	55033	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	202536	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	102260	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	168630	20.000	ng	0.00
76) Chrysene-d12	13.963	240	144145	20.000	ng	-0.01
86) Perylene-d12	15.445	264	125978	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	498278	149.401	ng	0.02
7) Phenol-d6	6.428	99	591883	124.355	ng	0.00
23) Nitrobenzene-d5	7.351	82	460103	101.708	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	162303	140.537	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	764730	102.802	ng	0.00
79) Terphenyl-d14	12.916	244	792051	74.699	ng	0.00

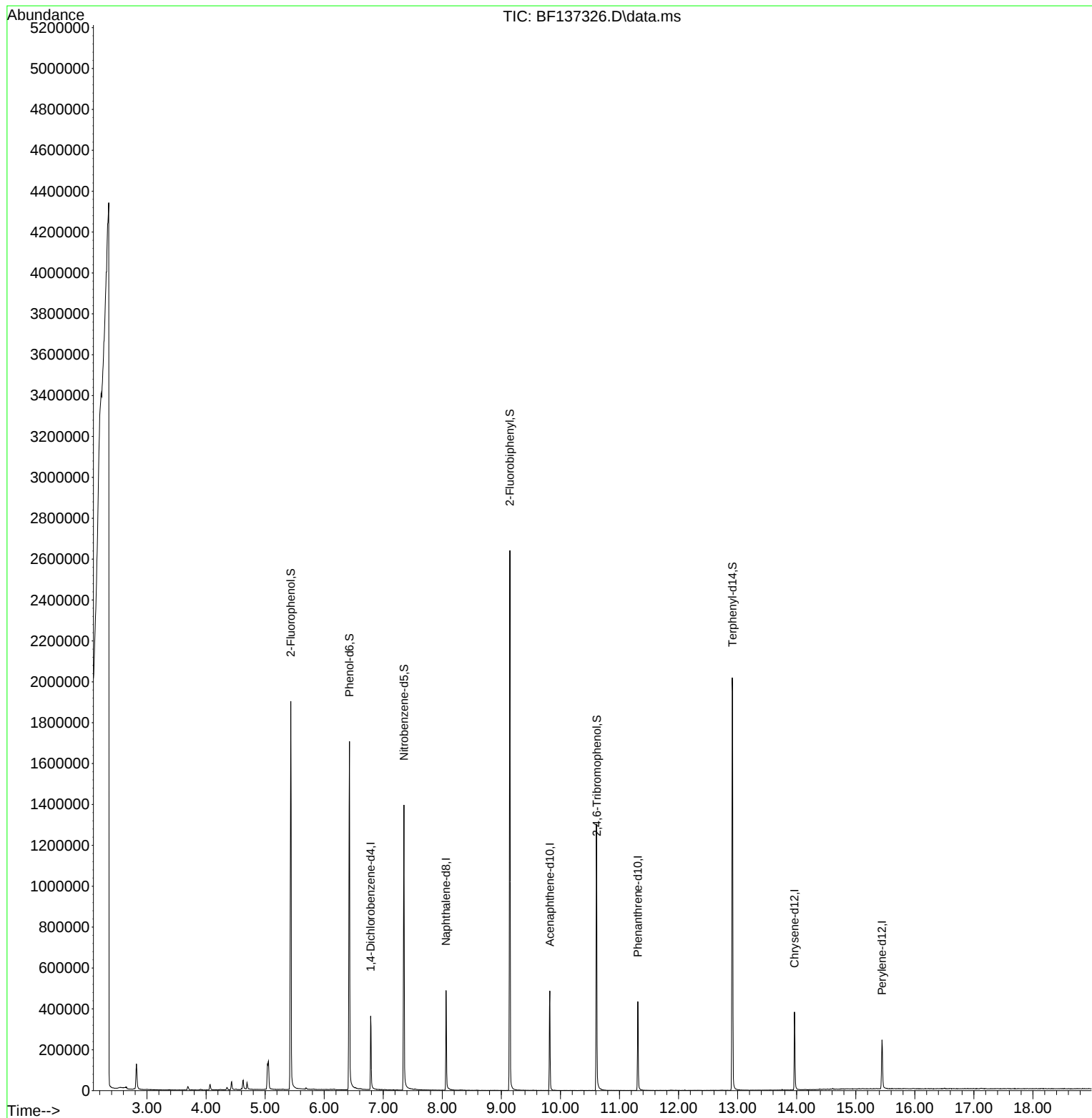
Target Compounds	Qvalue

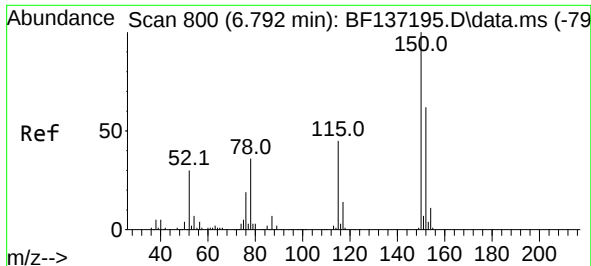
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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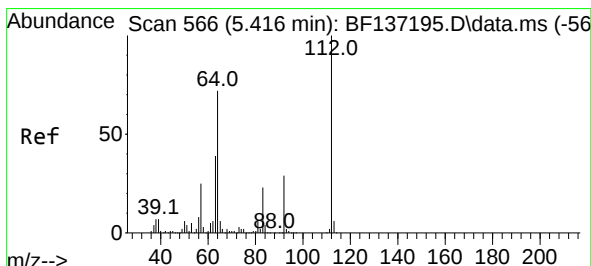
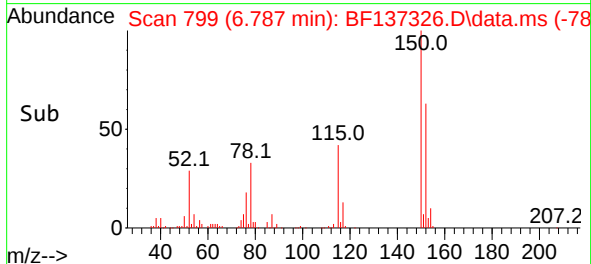
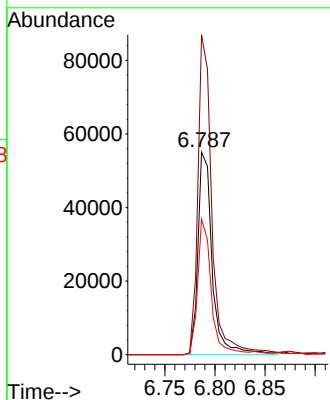
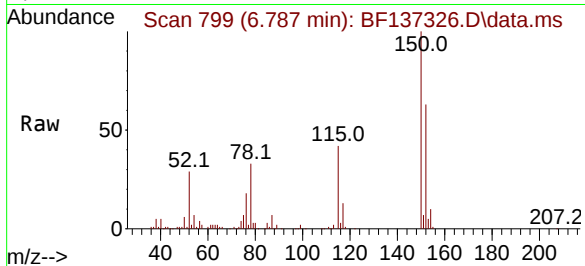




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

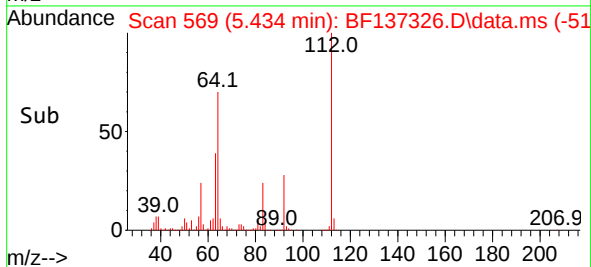
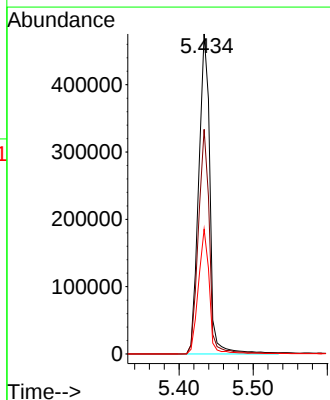
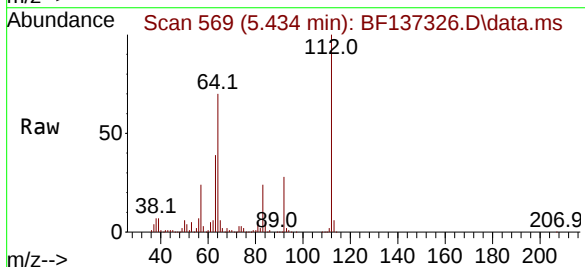
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

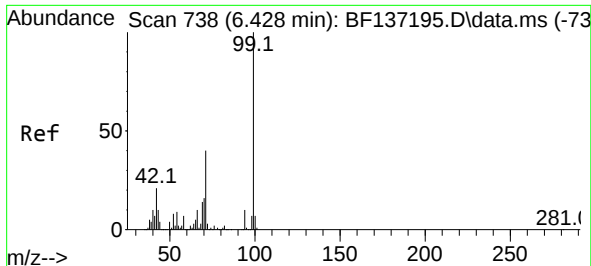
Tgt Ion:152 Resp: 55033
Ion Ratio Lower Upper
152 100
150 158.0 129.8 194.8
115 66.9 58.5 87.7



#5
2-Fluorophenol
Concen: 149.401 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:112 Resp: 498278
Ion Ratio Lower Upper
112 100
64 70.2 57.8 86.6
63 39.0 31.4 47.0





#7
Phenol-d6
Concen: 124.355 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

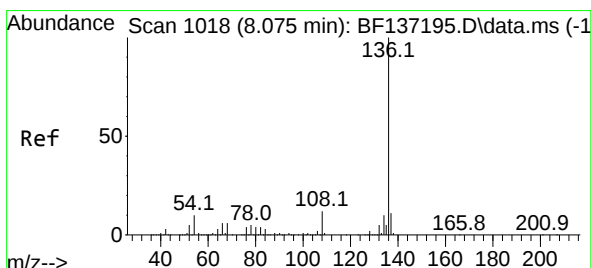
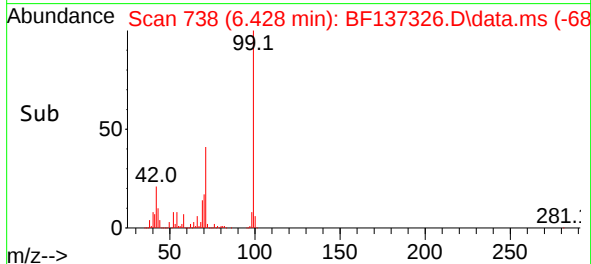
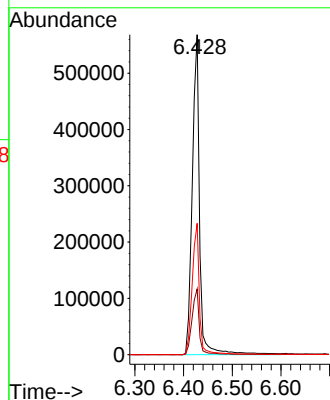
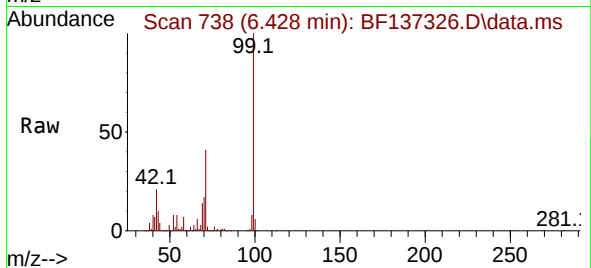
Instrument :

BNA_F

ClientSampleId :

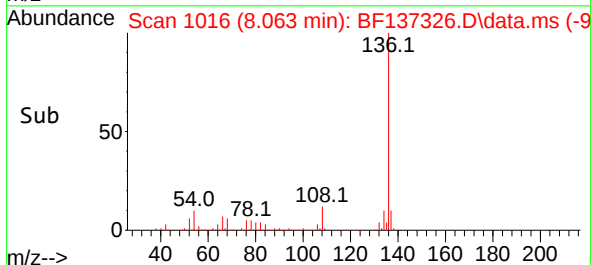
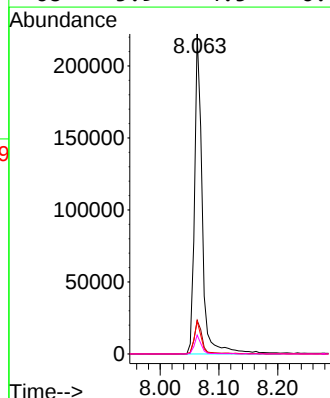
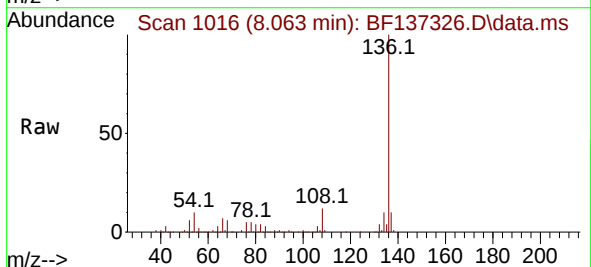
EB-1-4-6

Tgt Ion: 99 Resp: 591883
Ion Ratio Lower Upper
99 100
42 20.6 16.4 24.6
71 41.1 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: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion: 136 Resp: 202536
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.3 7.8 11.8
68 5.9 4.5 6.7

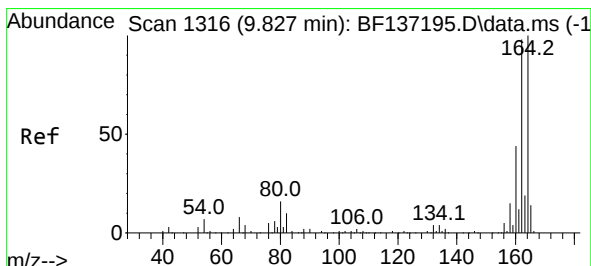
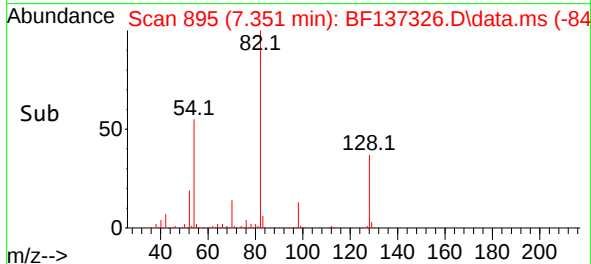
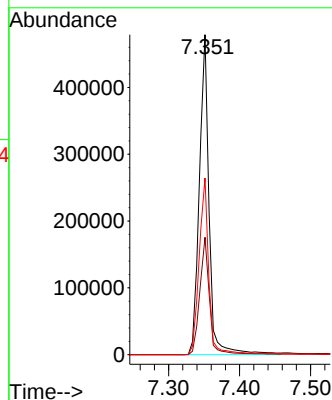
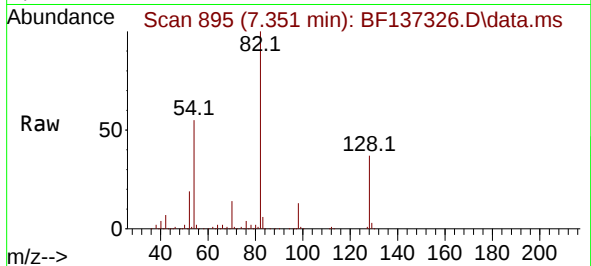




#23
Nitrobenzene-d5
Concen: 101.708 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

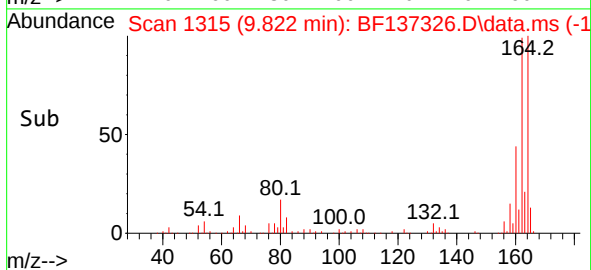
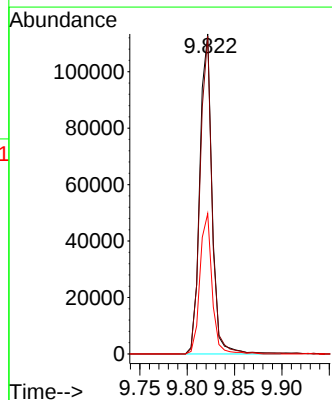
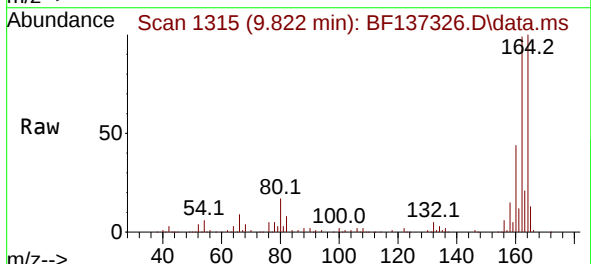
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

Tgt Ion: 82 Resp: 460103
Ion Ratio Lower Upper
82 100
128 36.7 29.1 43.7
54 55.2 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: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:164 Resp: 102260
Ion Ratio Lower Upper
164 100
162 99.3 78.3 117.5
160 43.9 35.4 53.2

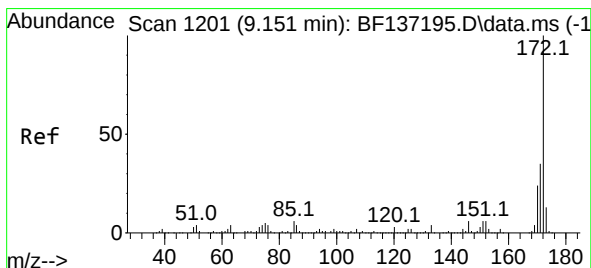
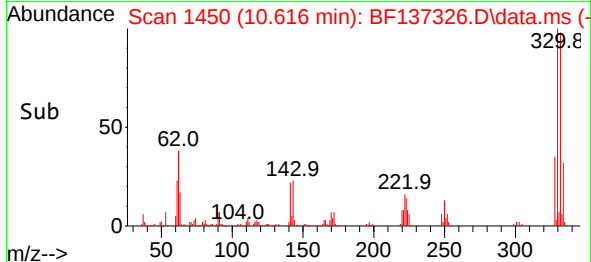
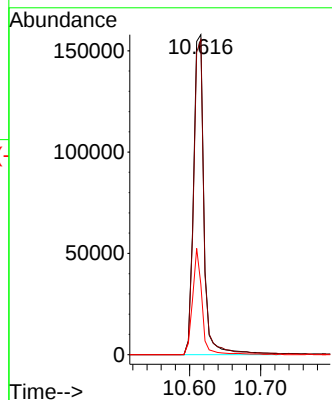
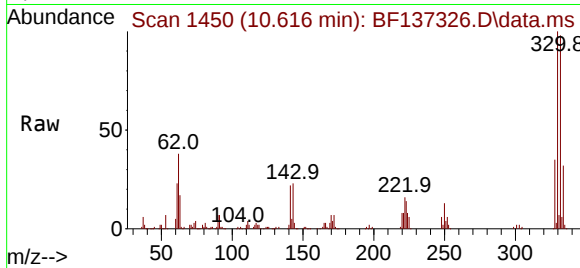




#42
2,4,6-Tribromophenol
Concen: 140.537 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

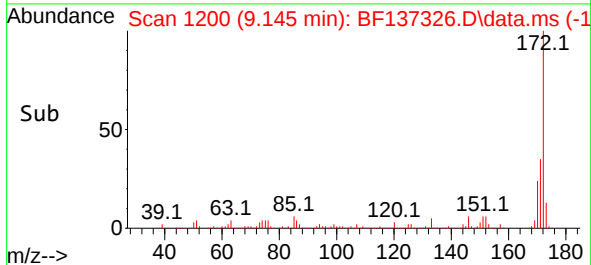
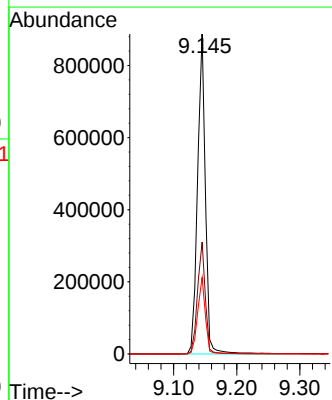
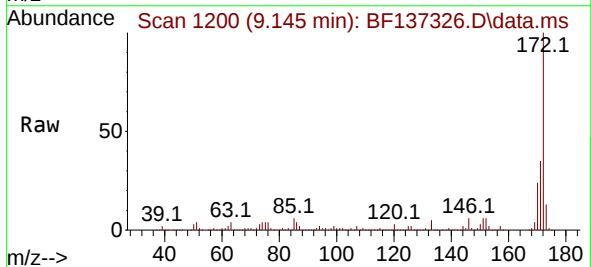
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

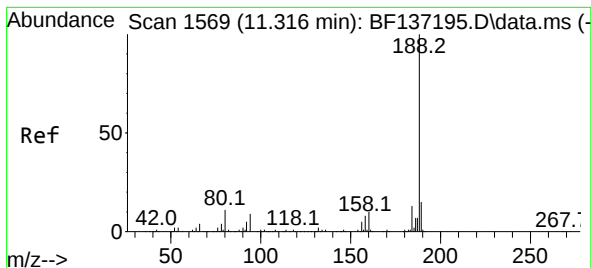
Tgt Ion:330 Resp: 162303
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 29.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 102.802 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:172 Resp: 764730
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.9 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: BF137326.D

Acq: 07 Feb 2024 18:06

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

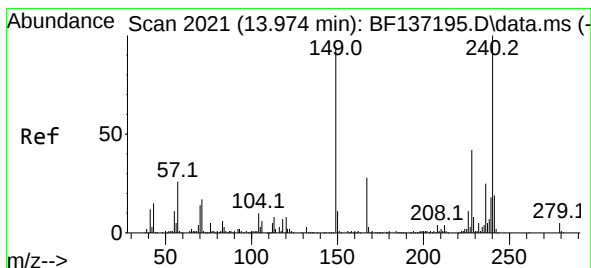
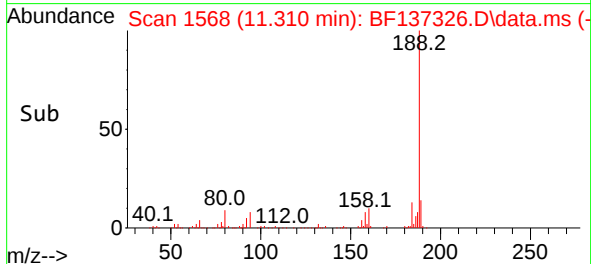
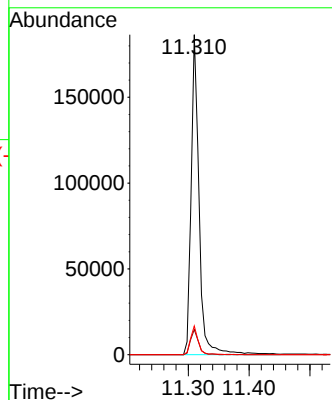
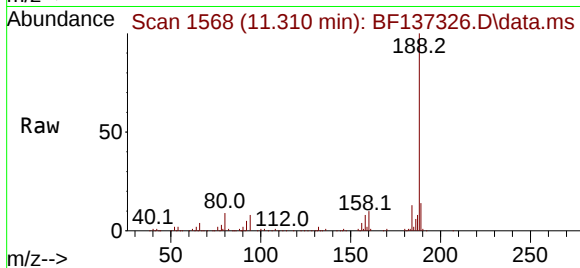
Tgt Ion:188 Resp: 168630

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 9.0 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: BF137326.D

Acq: 07 Feb 2024 18:06

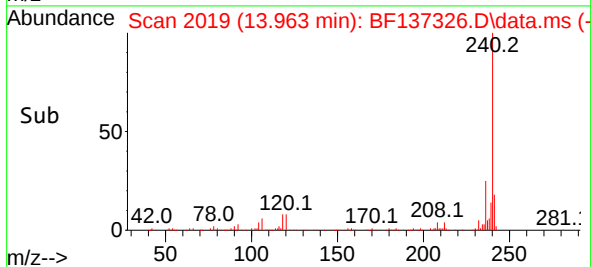
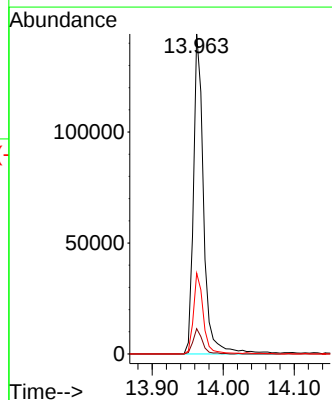
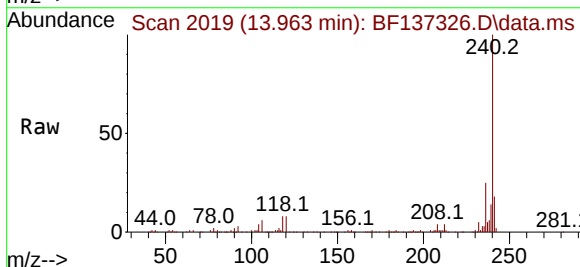
Tgt Ion:240 Resp: 144145

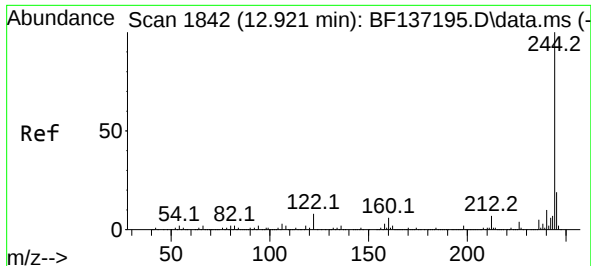
Ion Ratio Lower Upper

240 100

120 7.9 6.3 9.5

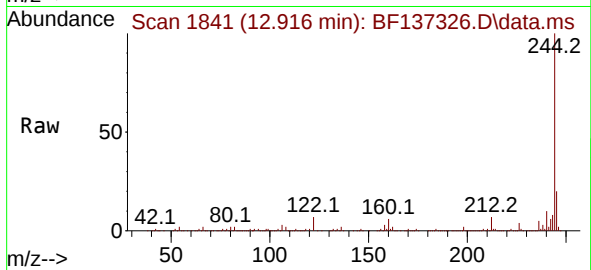
236 25.2 20.3 30.5



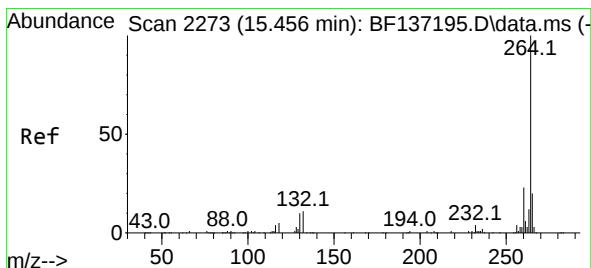
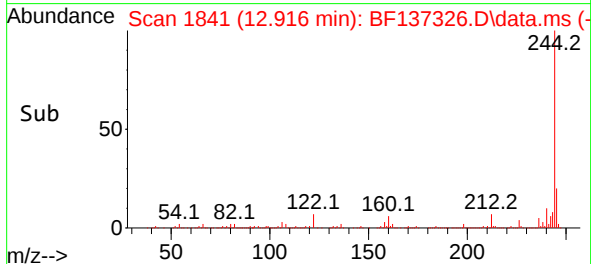
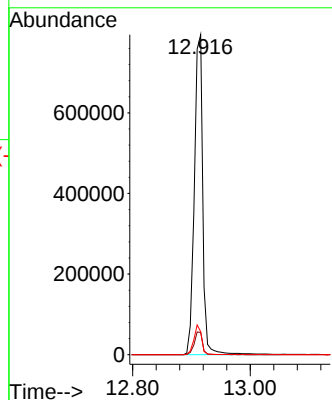


#79
Terphenyl-d14
Concen: 74.699 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Instrument :
BNA_F
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EB-1-4-6



Tgt Ion:244 Resp: 792051
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 7.2 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: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:264 Resp: 125978
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.4
265 20.3 16.2 24.2

