

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134244.D
 Acq On : 12 Jul 2023 13:28
 Operator : CG\JU
 Sample : 03555-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Quant Time: Jul 12 15:12:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

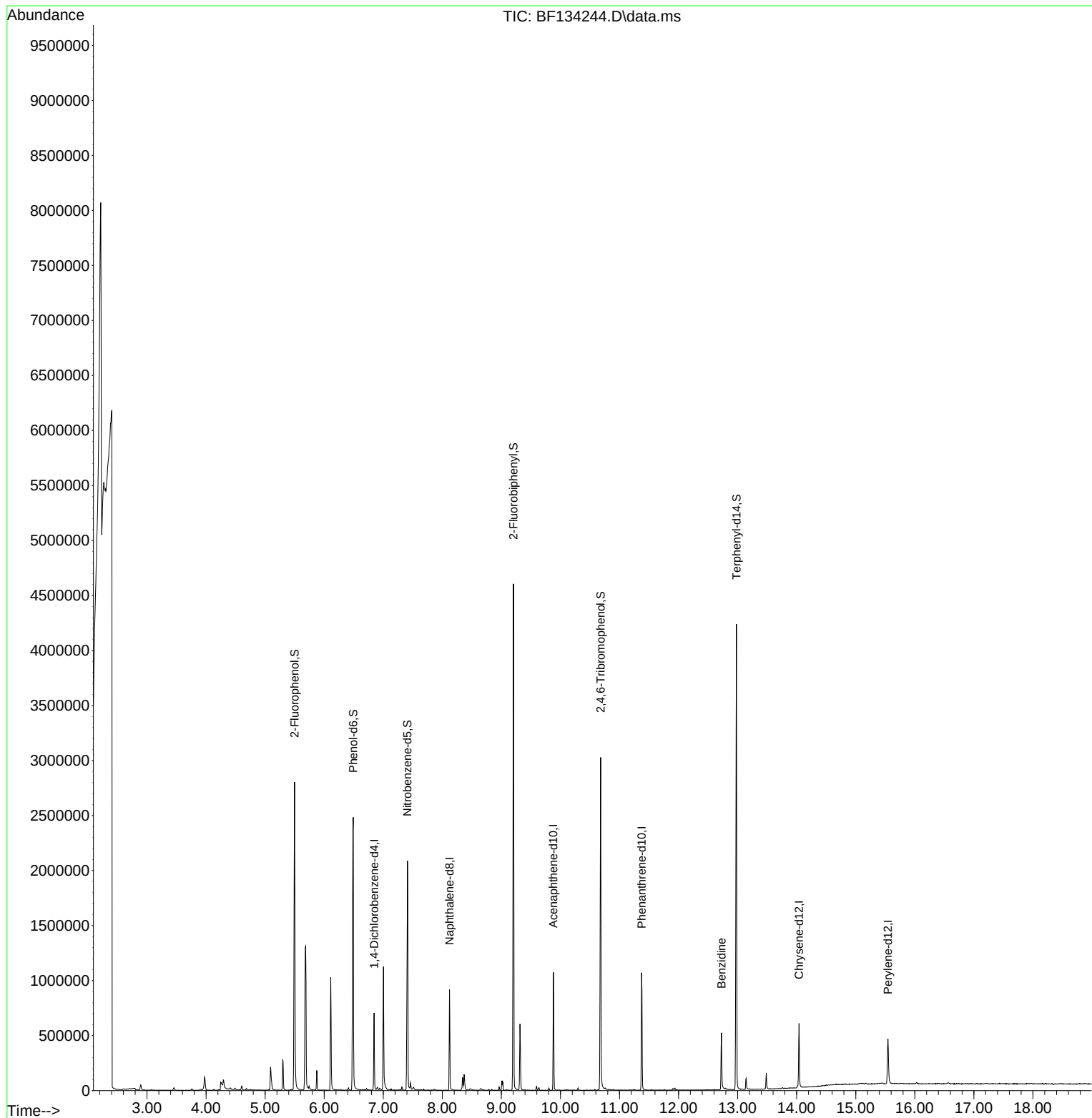
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92263	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	372447	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	198523	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	404492	20.000	ng	0.00
76) Chrysene-d12	14.039	240	197762	20.000	ng	0.00
86) Perylene-d12	15.545	264	207181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	807815	146.460	ng	0.02
7) Phenol-d6	6.492	99	888471	130.983	ng	0.00
23) Nitrobenzene-d5	7.410	82	719173	104.088	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	400676	160.973	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1348283	98.742	ng	0.00
79) Terphenyl-d14	12.980	244	1554985	126.547	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	215944	45.891	ng	Qvalue 99

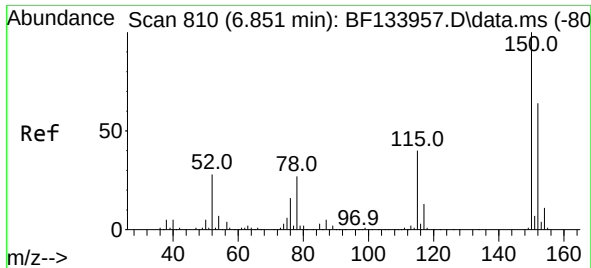
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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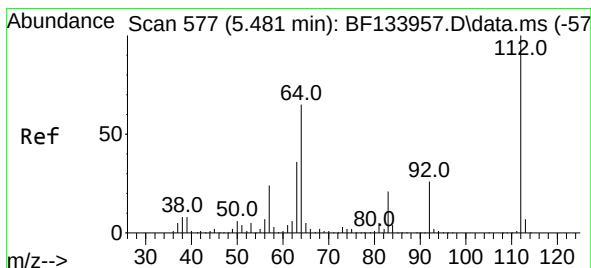
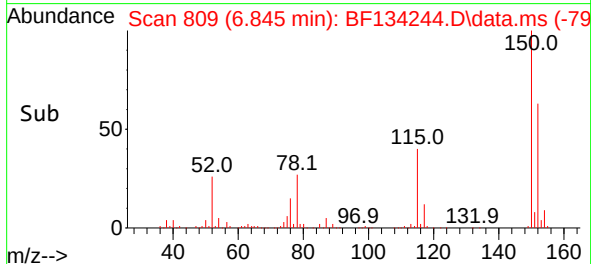
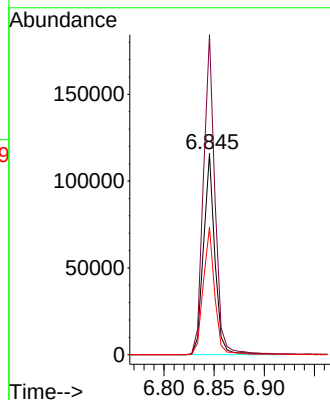
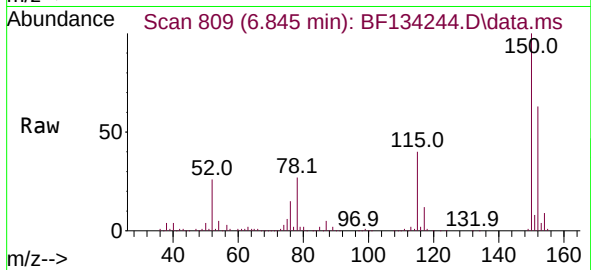




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134244.D
 Acq: 12 Jul 2023 13:28

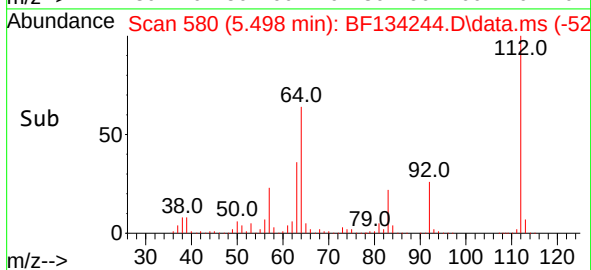
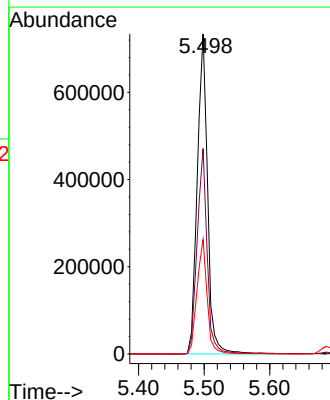
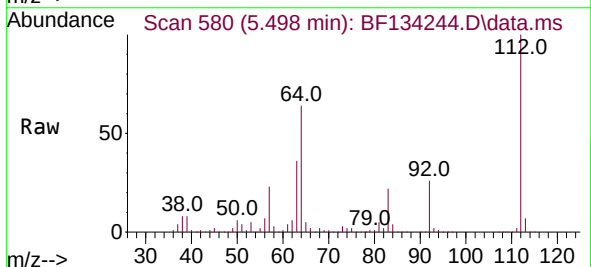
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

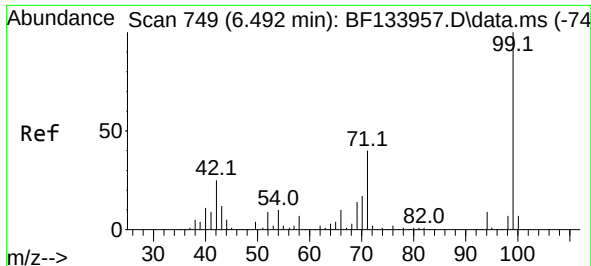
Tgt Ion:152 Resp: 92263
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.5 186.7
 115 63.3 50.2 75.2



#5
 2-Fluorophenol
 Concen: 146.460 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.023 min
 Lab File: BF134244.D
 Acq: 12 Jul 2023 13:28

Tgt Ion:112 Resp: 807815
 Ion Ratio Lower Upper
 112 100
 64 64.2 52.1 78.1
 63 35.8 28.6 42.8

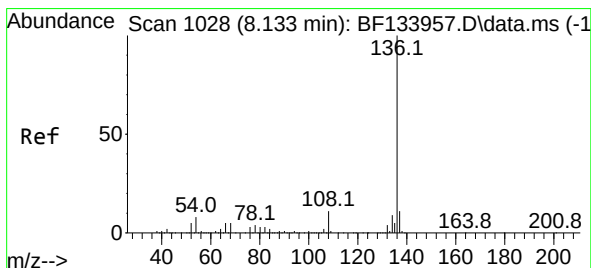
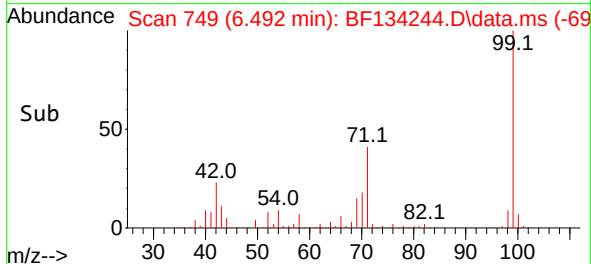
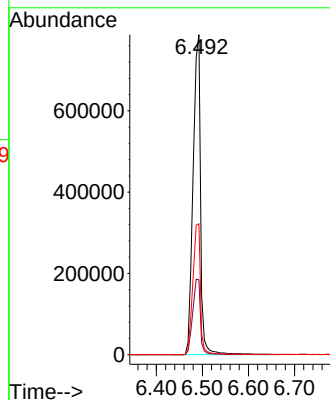
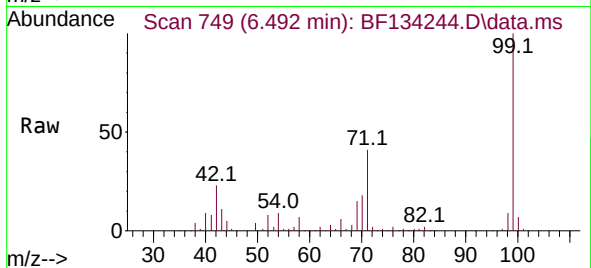




#7
Phenol-d6
Concen: 130.983 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

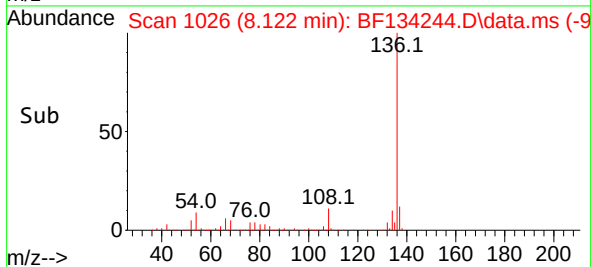
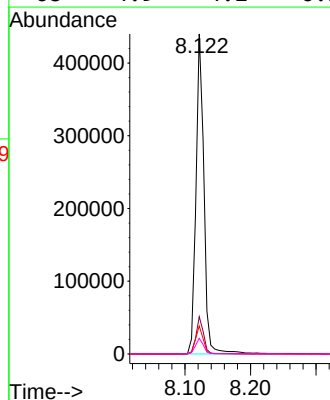
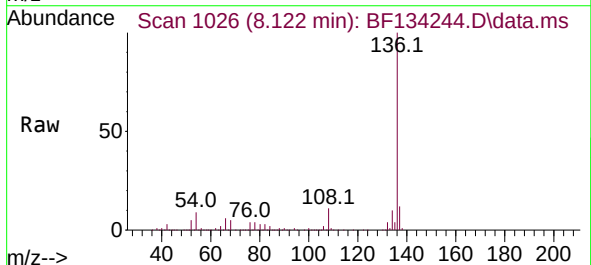
Instrument :
BNA_F
ClientSampleId :
VNJ-203

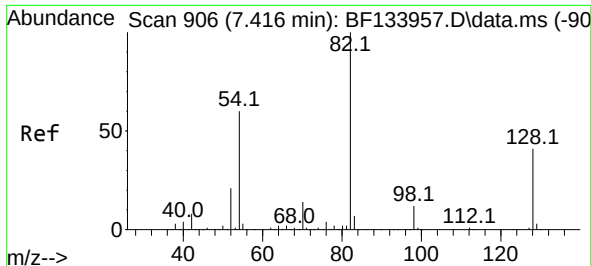
Tgt Ion: 99 Resp: 888471
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 40.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion:136 Resp: 372447
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 8.7 6.5 9.7
68 4.9 4.2 6.2

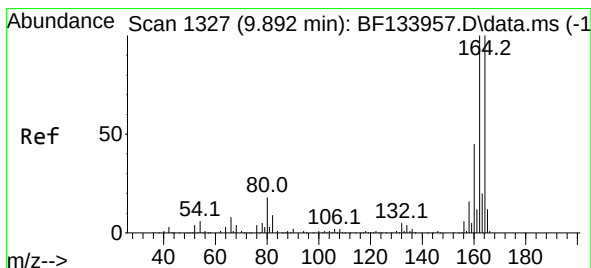
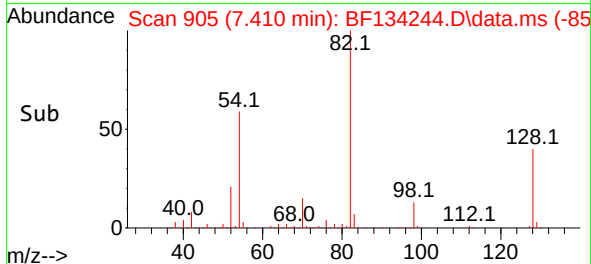
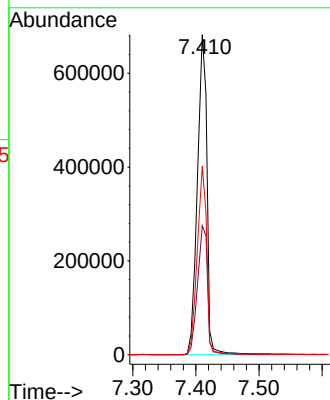
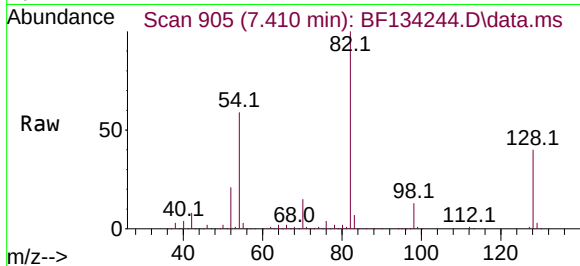




#23
Nitrobenzene-d5
Concen: 104.088 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

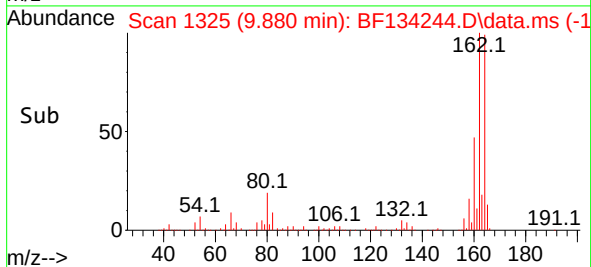
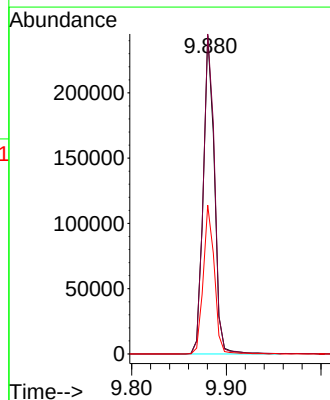
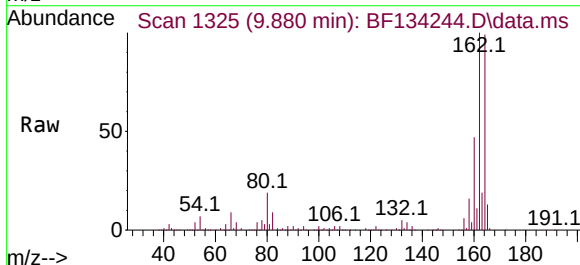
Instrument :
BNA_F
ClientSampleId :
VNJ-203

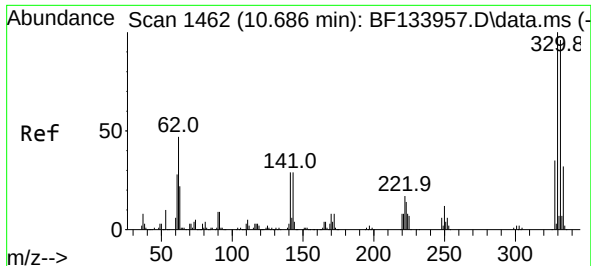
Tgt Ion: 82 Resp: 719173
Ion Ratio Lower Upper
82 100
128 40.3 32.5 48.7
54 58.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion:164 Resp: 198523
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 46.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 160.973 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

Instrument :

BNA_F

ClientSampleId :

VNJ-203

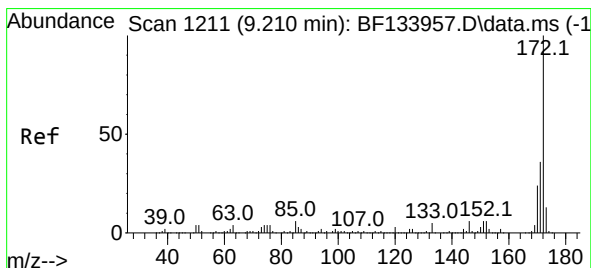
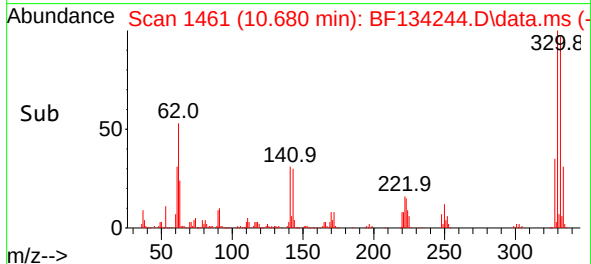
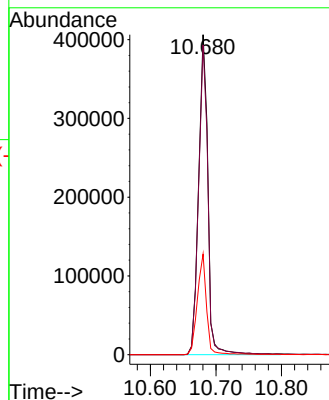
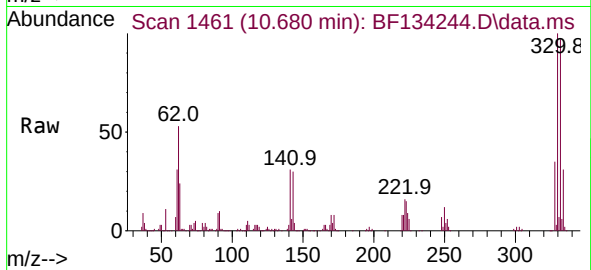
Tgt Ion:330 Resp: 400676

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

141 31.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 98.742 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

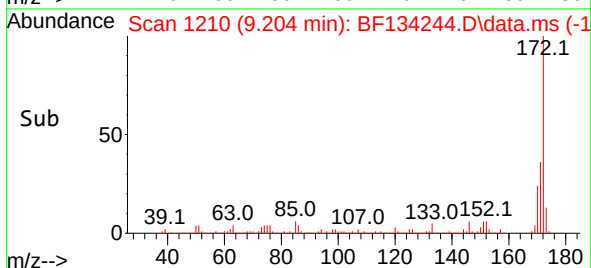
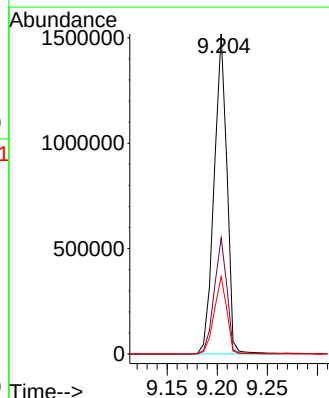
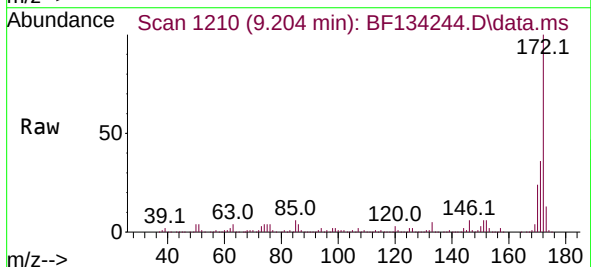
Tgt Ion:172 Resp: 1348283

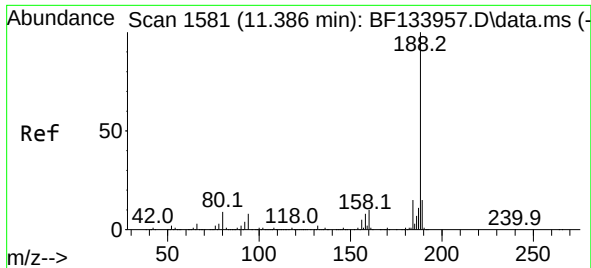
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.2 19.4 29.0

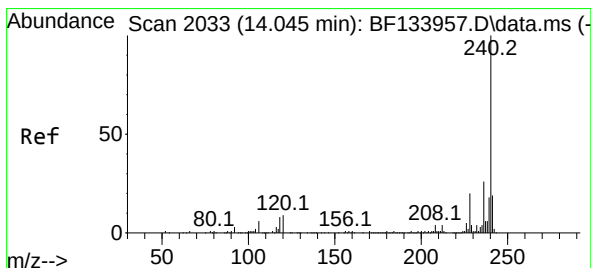
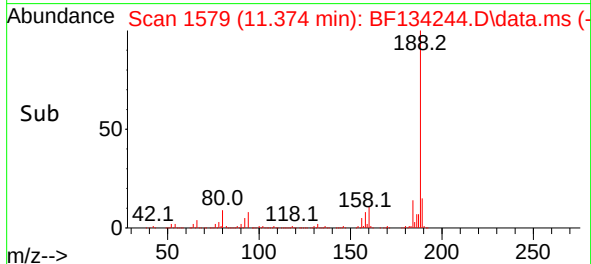
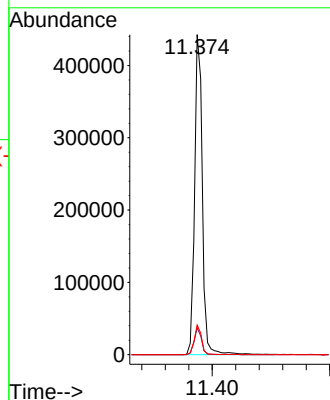
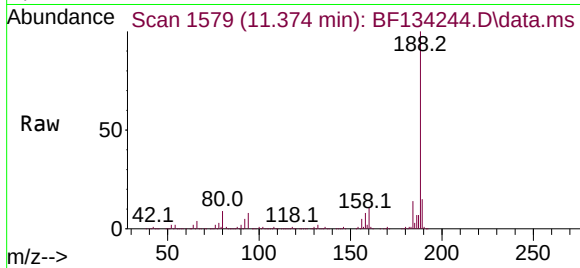




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

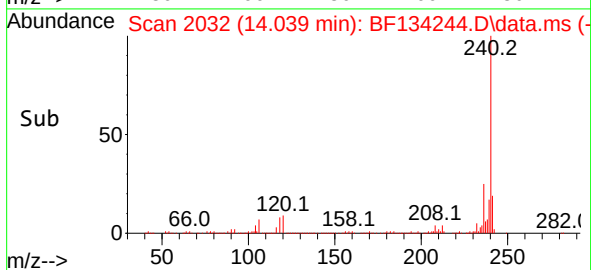
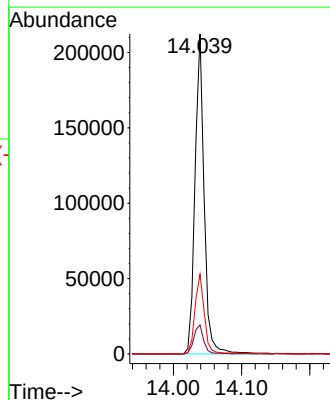
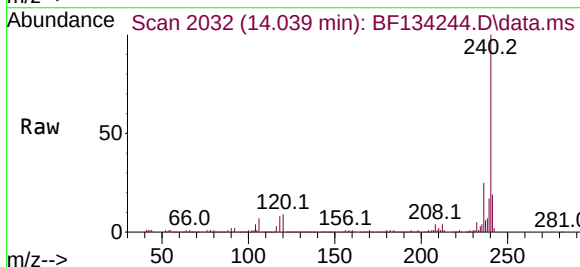
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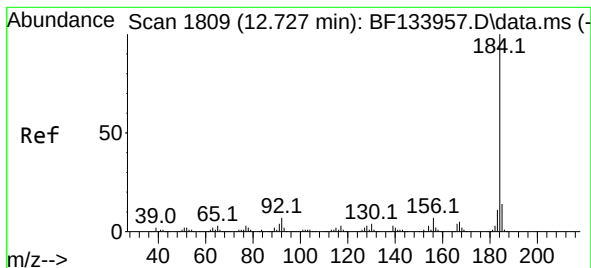
Tgt Ion:188 Resp: 404492
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion:240 Resp: 197762
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 24.9 21.0 31.6





#77

Benzidine

Concen: 45.891 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

Instrument :

BNA_F

ClientSampleId :

VNJ-203

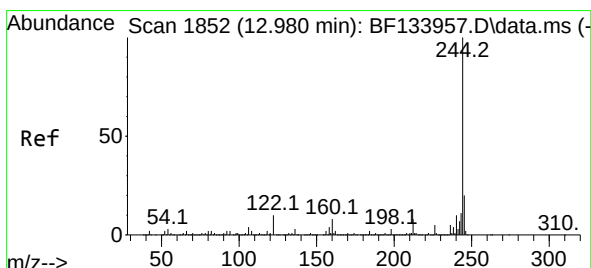
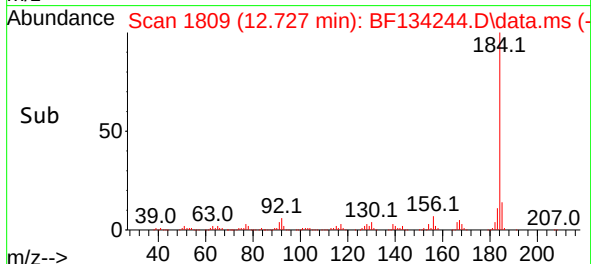
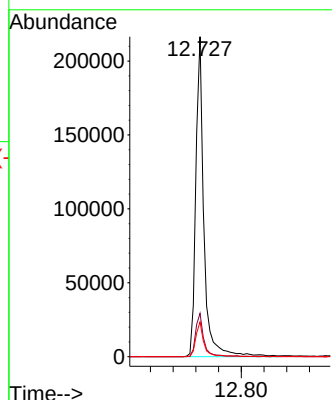
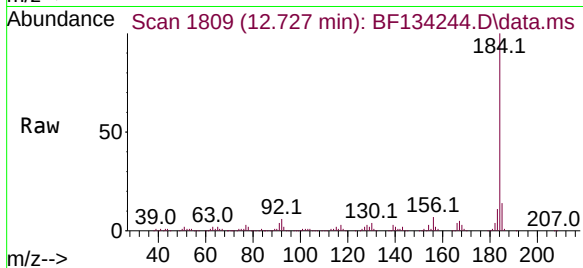
Tgt Ion:184 Resp: 215944

Ion Ratio Lower Upper

184 100

185 13.6 11.6 17.4

183 10.8 8.8 13.2



#79

Terphenyl-d14

Concen: 126.547 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

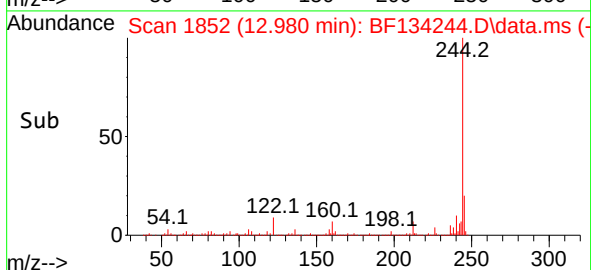
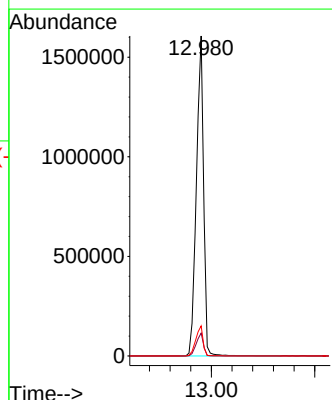
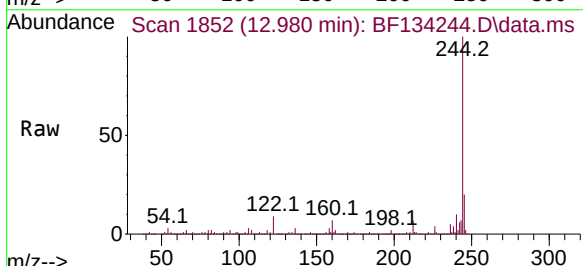
Tgt Ion:244 Resp: 1554985

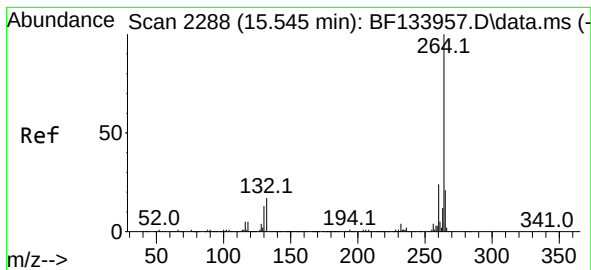
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

Instrument :

BNA_F

ClientSampleId :

VNJ-203

Tgt Ion:264 Resp: 207181

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.6 16.6 25.0

