

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133237.D
 Acq On : 04 May 2023 18:33
 Operator : CG\JU
 Sample : 02598-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Time: May 05 05:30:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

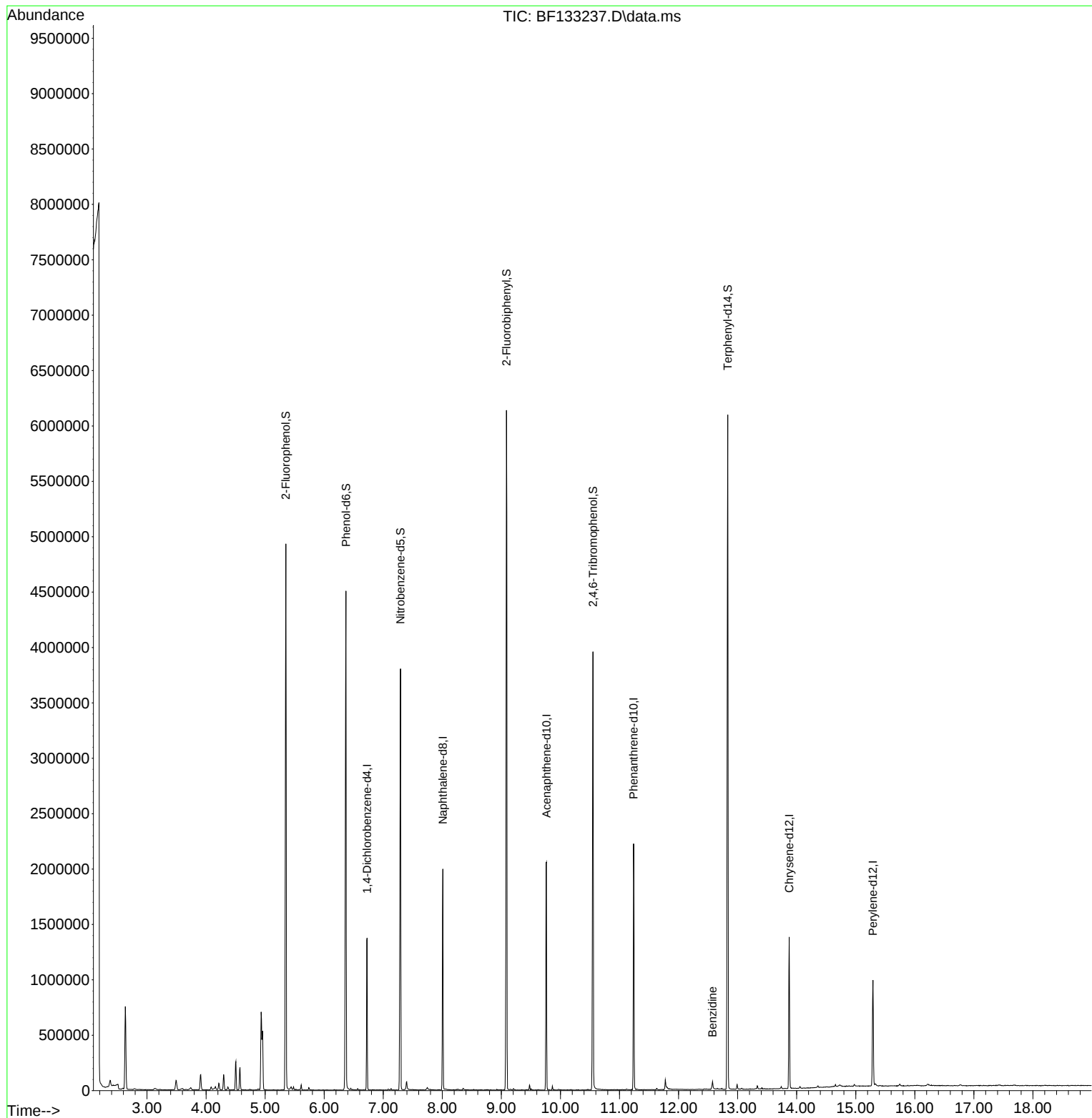
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	202323	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	815481	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	429804	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	779524	20.000	ng	0.00
76) Chrysene-d12	13.874	240	419331	20.000	ng	-0.01
86) Perylene-d12	15.292	264	395254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1509092	112.674	ng	0.02
7) Phenol-d6	6.369	99	1612784	97.015	ng	0.00
23) Nitrobenzene-d5	7.292	82	1237379	81.902	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	529978	122.609	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2079035	80.926	ng	0.00
79) Terphenyl-d14	12.833	244	2400197	98.718	ng	0.00
Target Compounds						
77) Benzidine	12.574	184	22866	3.225	ng	Qvalue 99

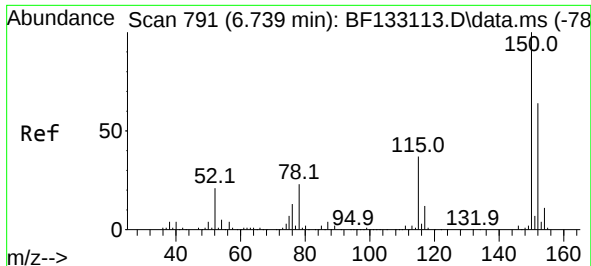
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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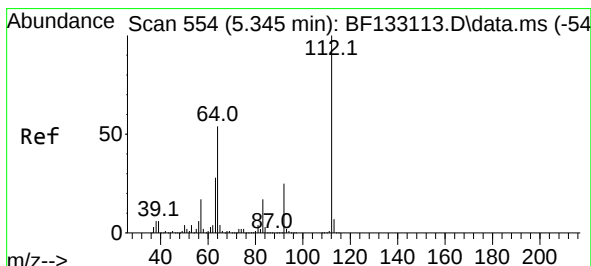
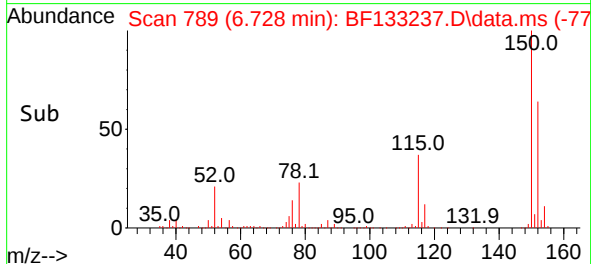
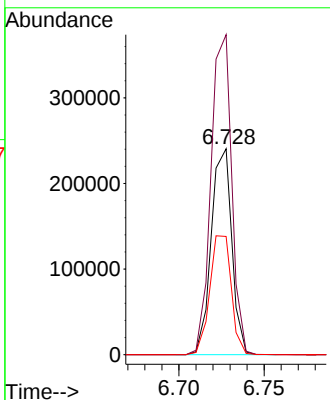
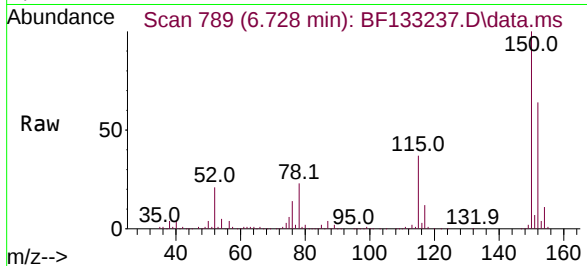




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

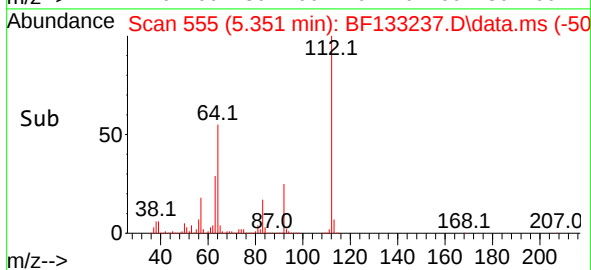
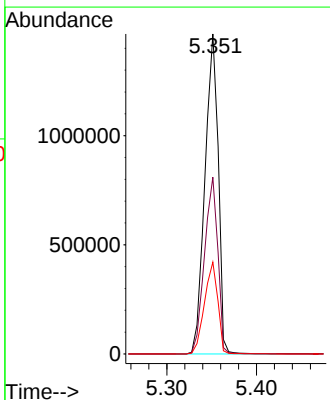
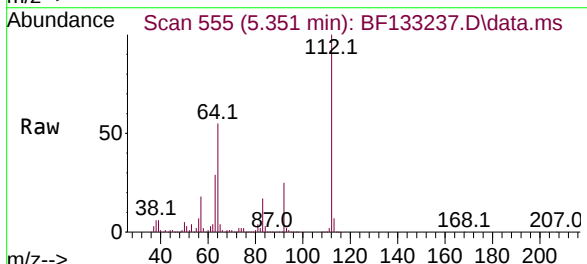
Instrument :
BNA_F
ClientSampleId :
VNJ-241

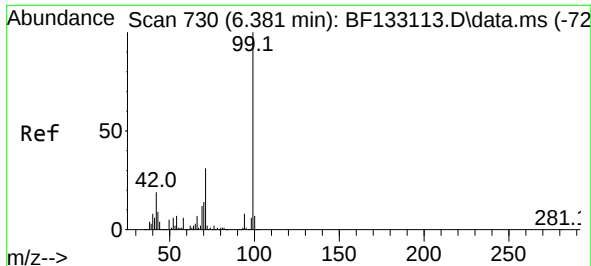
Tgt Ion:152 Resp: 202323
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 57.4 49.9 74.9



#5
2-Fluorophenol
Concen: 112.674 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

Tgt Ion:112 Resp: 1509092
Ion Ratio Lower Upper
112 100
64 55.2 46.8 70.2
63 28.7 23.8 35.8





#7

Phenol-d6

Concen: 97.015 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133237.D

Acq: 04 May 2023 18:33

Instrument :

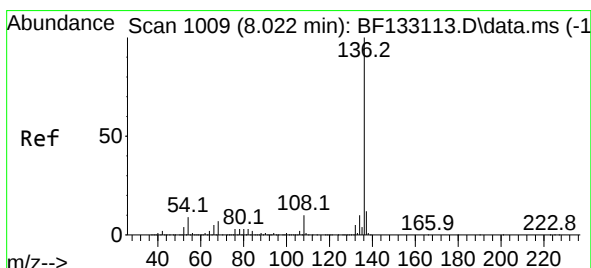
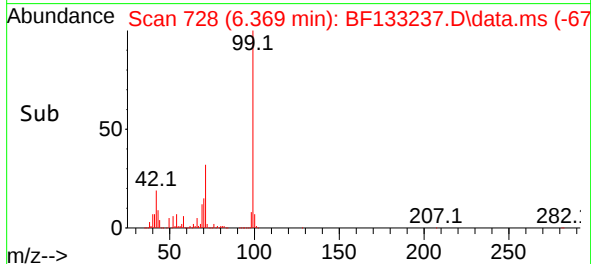
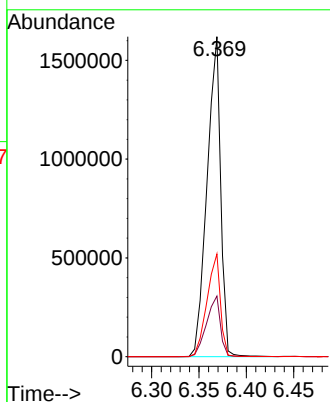
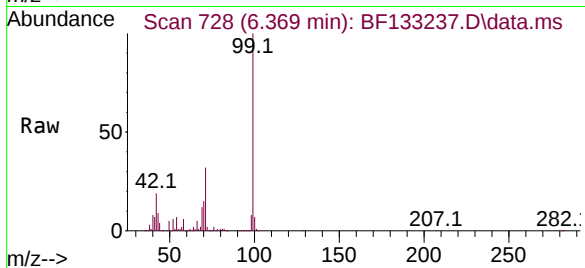
BNA_F

ClientSampleId :

VNJ-241

Tgt Ion: 99 Resp: 1612784

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.3	24.5
71	32.1	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1007

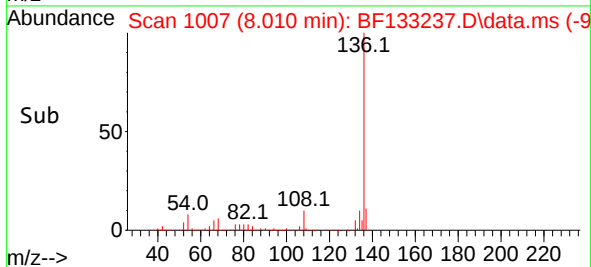
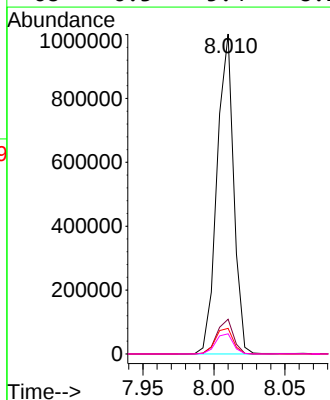
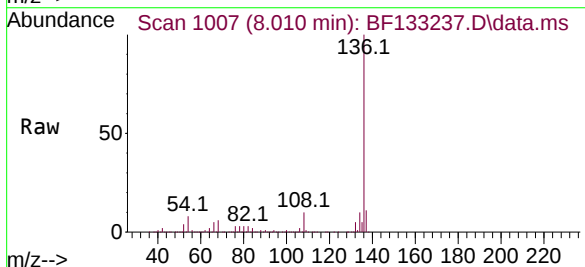
Delta R.T. -0.006 min

Lab File: BF133237.D

Acq: 04 May 2023 18:33

Tgt Ion: 136 Resp: 815481

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.0	7.0	10.4
68	6.3	5.4	8.2





#23

Nitrobenzene-d5

Concen: 81.902 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133237.D

Acq: 04 May 2023 18:33

Instrument :

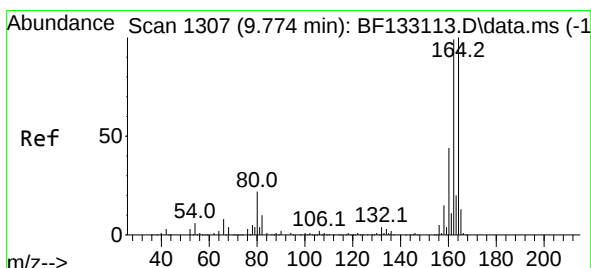
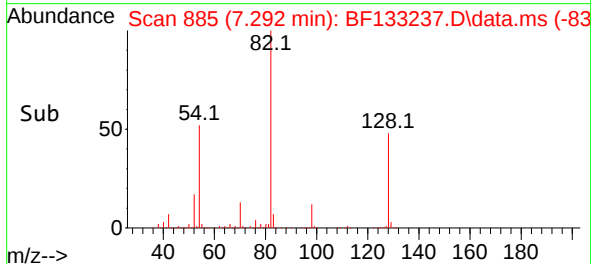
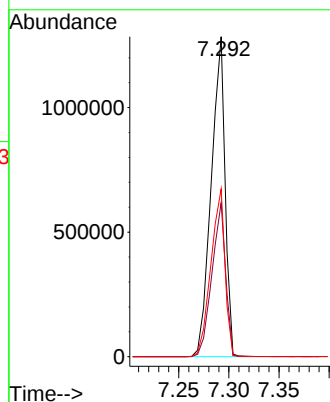
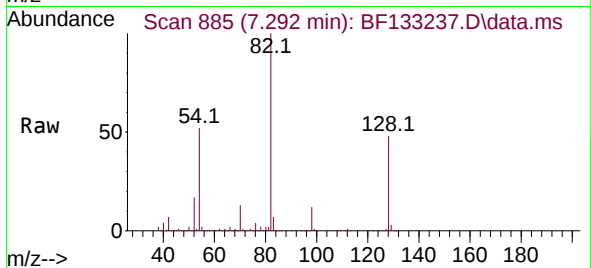
BNA_F

ClientSampleId :

VNJ-241

Tgt Ion: 82 Resp: 1237379

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	52.4	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

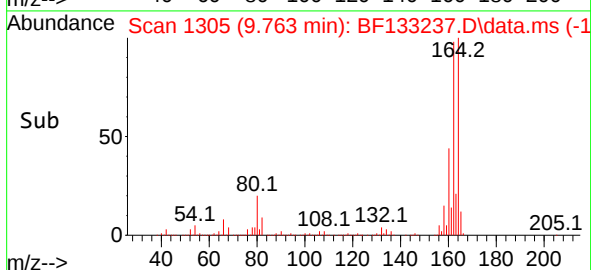
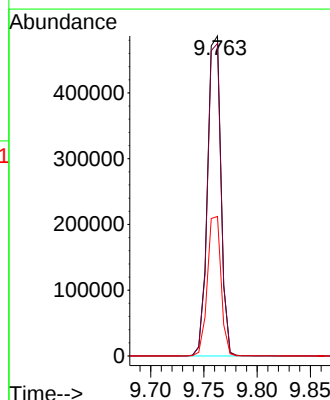
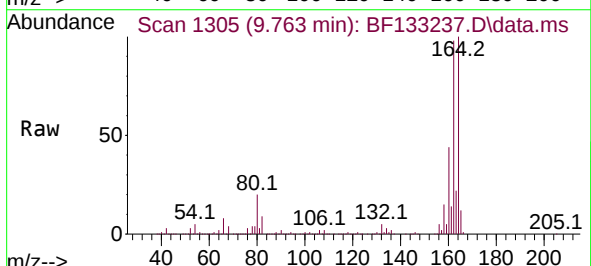
Delta R.T. -0.006 min

Lab File: BF133237.D

Acq: 04 May 2023 18:33

Tgt Ion:164 Resp: 429804

Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.7	118.1
160	43.6	35.8	53.6

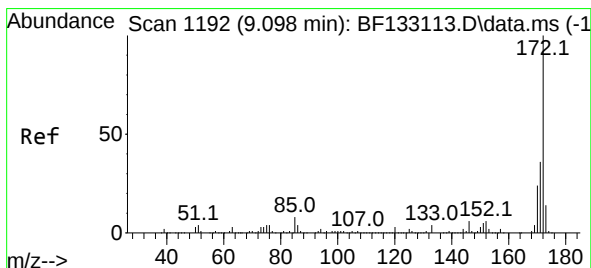
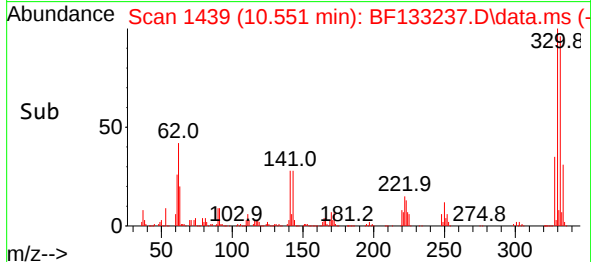
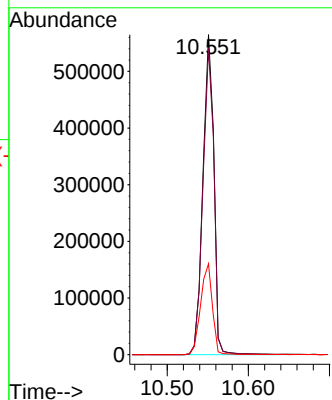
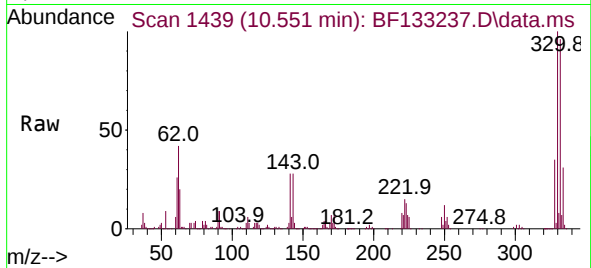




#42
2,4,6-Tribromophenol
Concen: 122.609 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

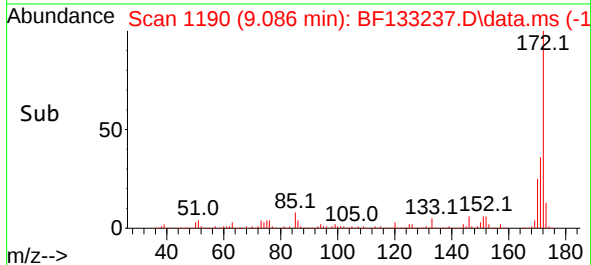
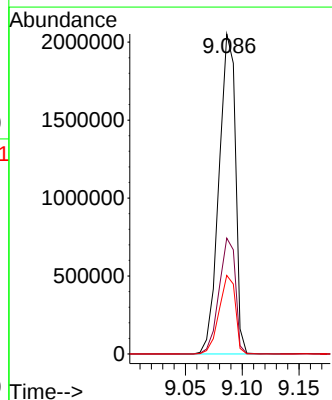
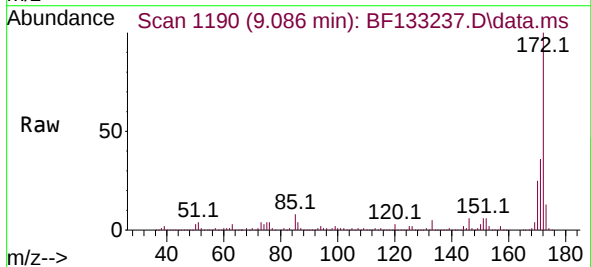
Instrument :
BNA_F
ClientSampleId :
VNJ-241

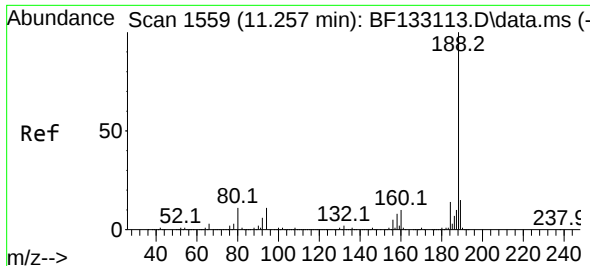
Tgt Ion:330 Resp: 529978
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 80.926 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

Tgt Ion:172 Resp: 2079035
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.5 19.4 29.2

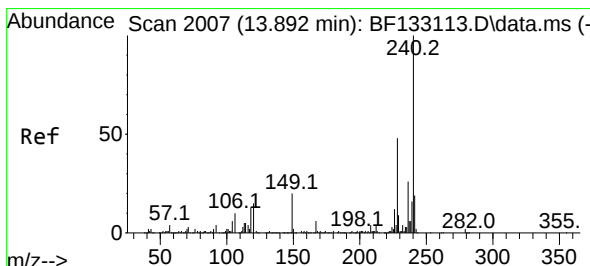
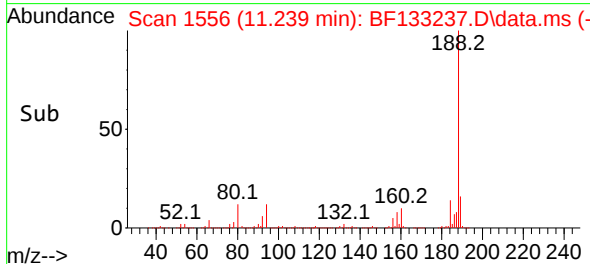
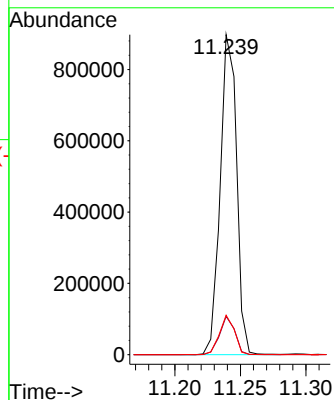
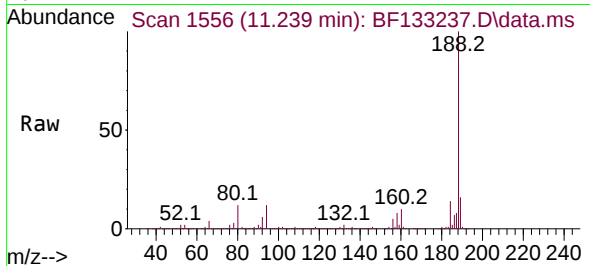




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

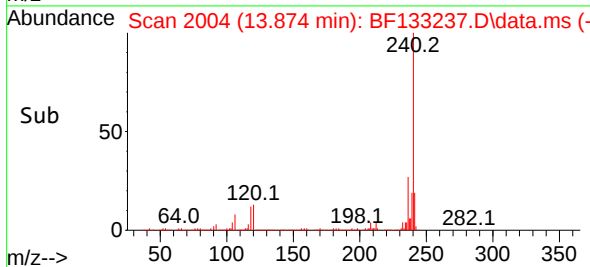
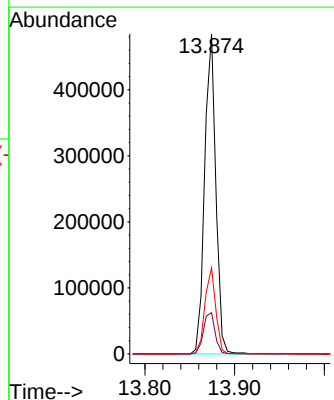
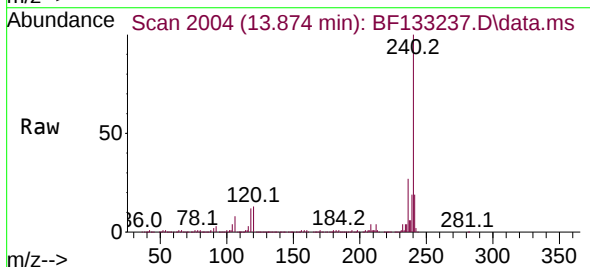
Instrument :
BNA_F
ClientSampleId :
VNJ-241

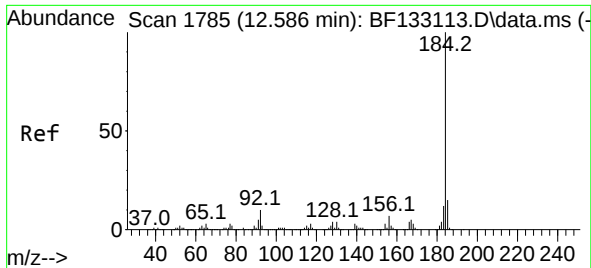
Tgt Ion:188 Resp: 779524
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.4 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

Tgt Ion:240 Resp: 419331
Ion Ratio Lower Upper
240 100
120 12.9 10.5 15.7
236 26.9 21.5 32.3

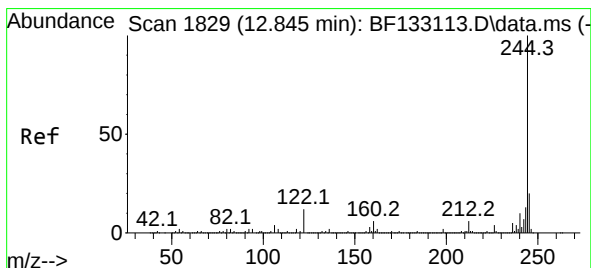
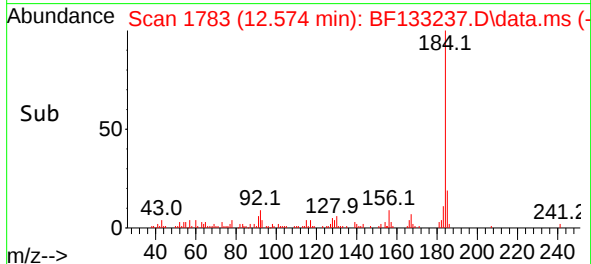
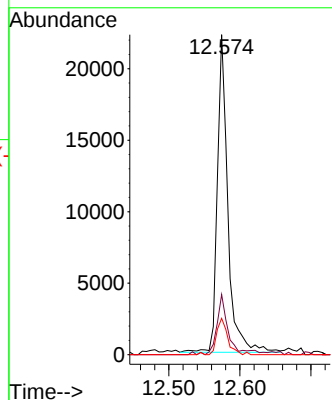
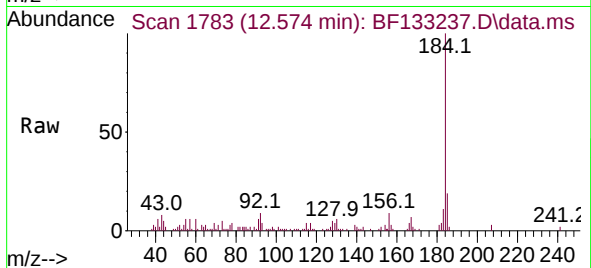




#77
Benzidine
Concen: 3.225 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

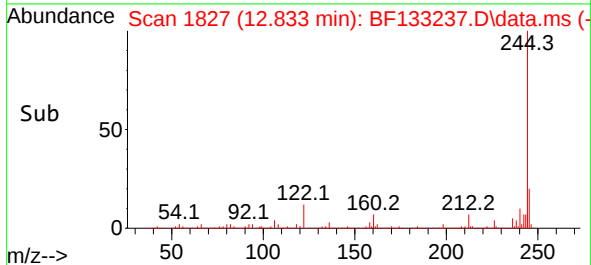
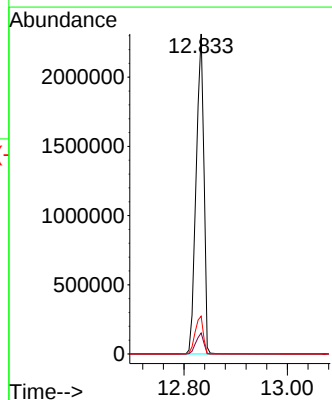
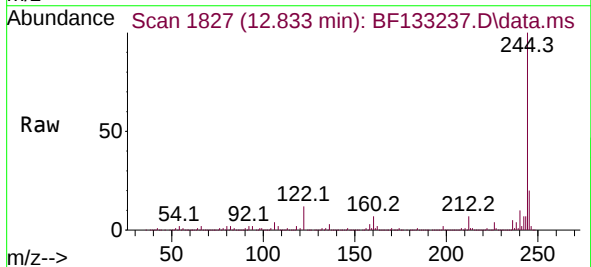
Instrument :
BNA_F
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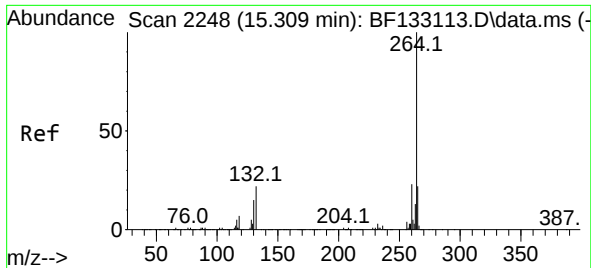
Tgt Ion:184 Resp: 22866
Ion Ratio Lower Upper
184 100
185 18.8 15.4 23.2
183 11.3 9.4 14.0



#79
Terphenyl-d14
Concen: 98.718 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

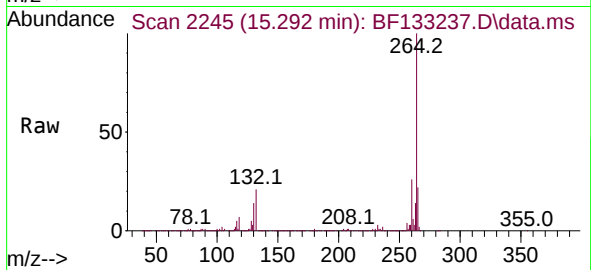
Tgt Ion:244 Resp: 2400197
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.8 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133237.D
Acq: 04 May 2023 18:33

Instrument :
BNA_F
ClientSampleId :
VNJ-241



Tgt Ion:264 Resp: 395254

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.8	28.2
265	21.5	17.0	25.4

