

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133248.D
 Acq On : 05 May 2023 00:12
 Operator : CG\JU
 Sample : 02598-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Time: May 05 05:34:24 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)

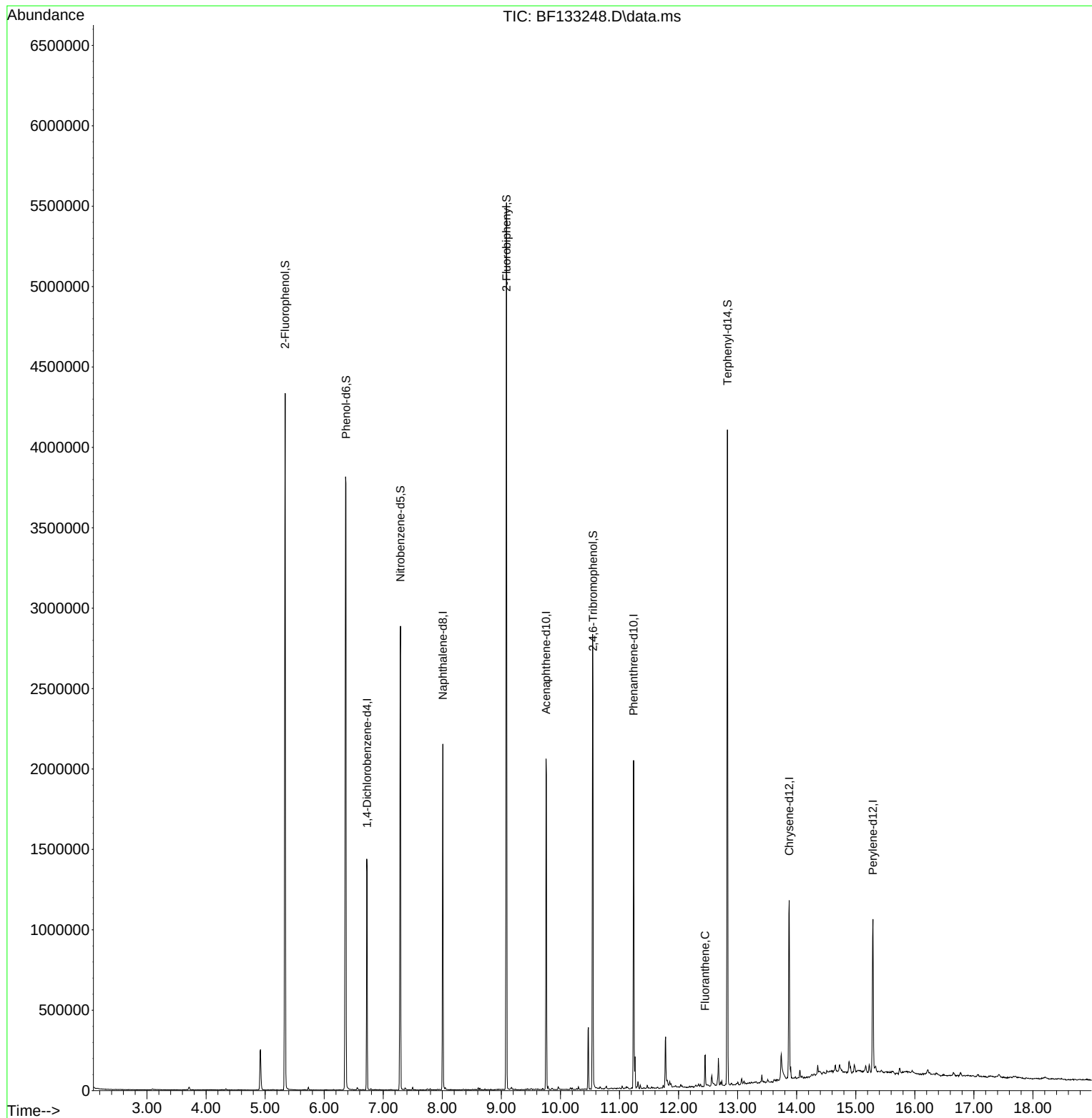
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	208471	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	829460	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	417887	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	683340	20.000	ng	0.00
76) Chrysene-d12	13.874	240	366418	20.000	ng	-0.01
86) Perylene-d12	15.292	264	401410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1242315	90.020	ng	0.00
7) Phenol-d6	6.369	99	1559857	91.064	ng	0.00
23) Nitrobenzene-d5	7.292	82	929897	60.513	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	345726	82.264	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1585215	63.464	ng	0.00
79) Terphenyl-d14	12.827	244	1345162	63.314	ng	0.00
Target Compounds						
75) Fluoranthene	12.451	202	77716	2.108	ng	Qvalue 96

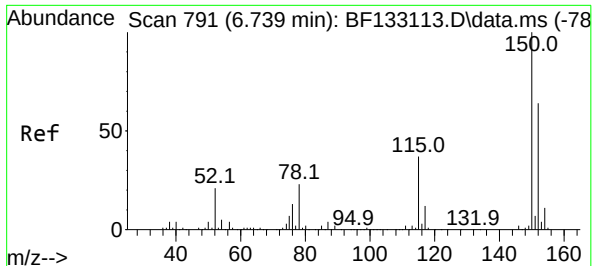
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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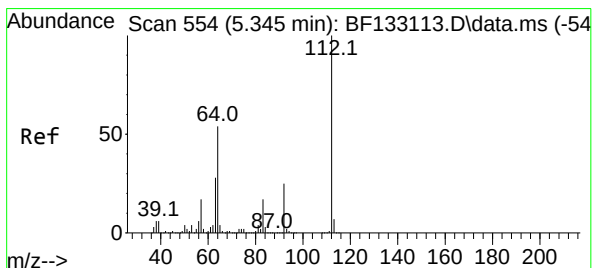
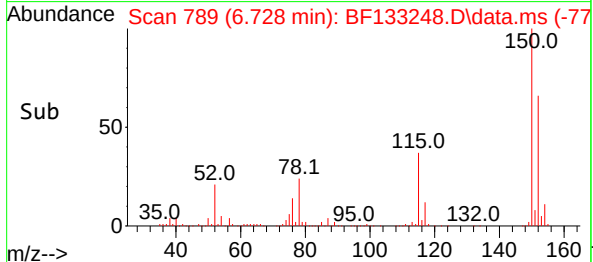
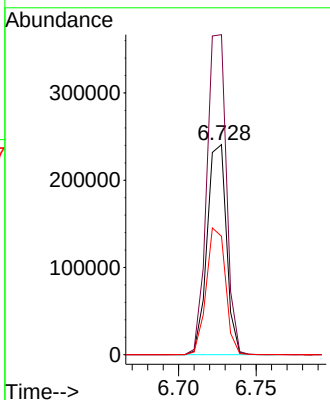
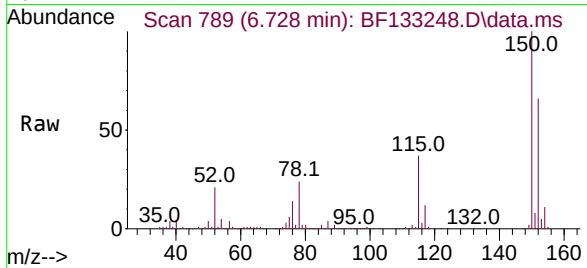




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133248.D
 Acq: 05 May 2023 00:12

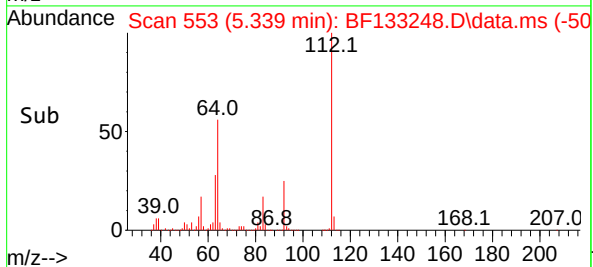
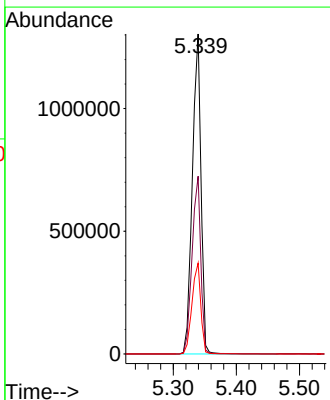
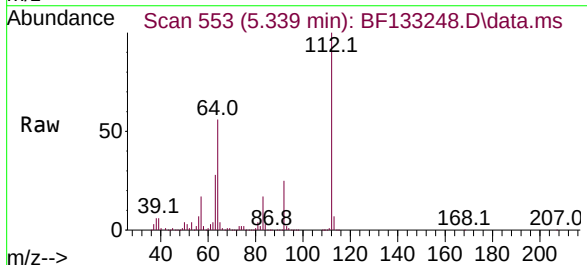
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

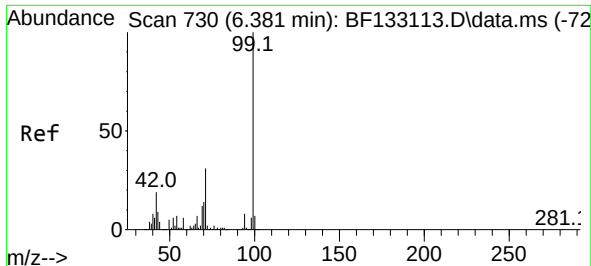
Tgt Ion:152 Resp: 208471
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.8 187.2
 115 56.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 90.020 ng
 RT: 5.339 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133248.D
 Acq: 05 May 2023 00:12

Tgt Ion:112 Resp: 1242315
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.8 70.2
 63 28.4 23.8 35.8

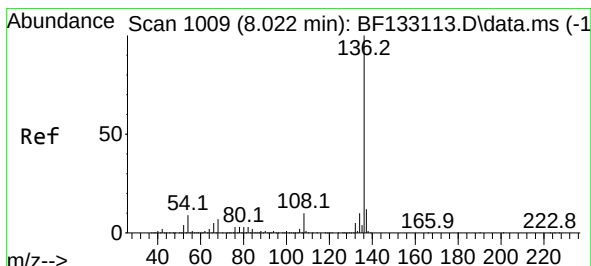
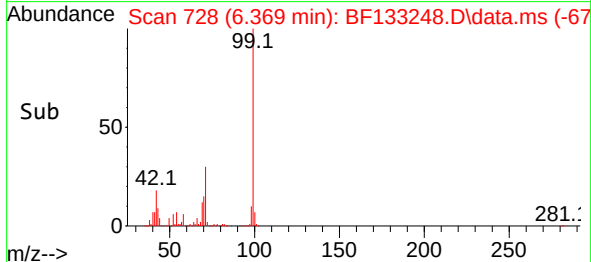
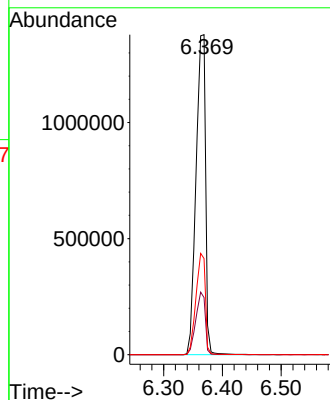
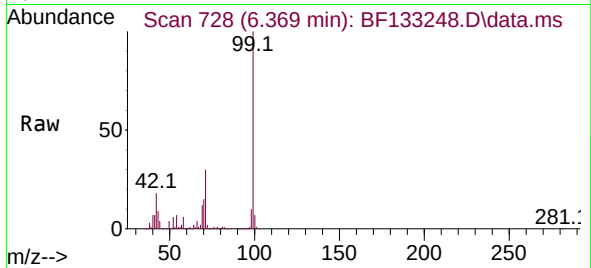




#7
Phenol-d6
Concen: 91.064 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

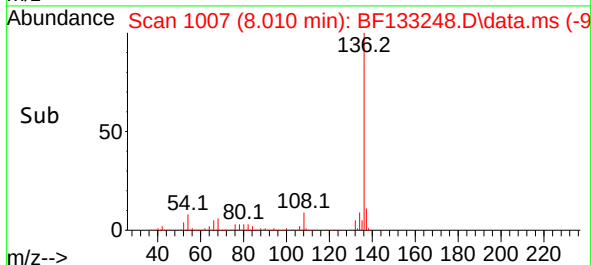
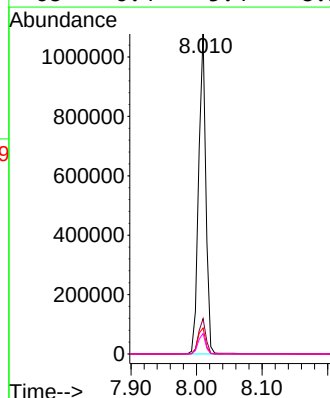
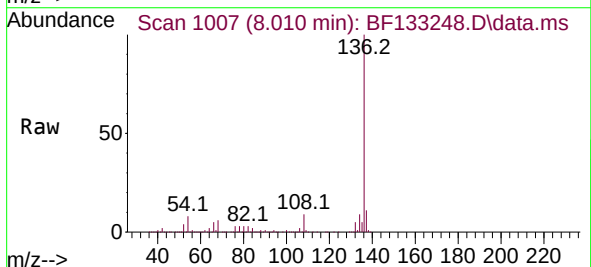
Instrument :
BNA_F
ClientSampleId :
VNJ-241

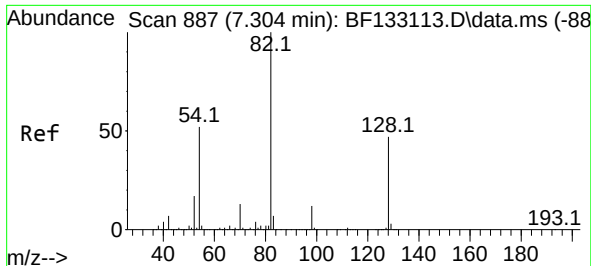
Tgt Ion: 99 Resp: 1559857
Ion Ratio Lower Upper
99 100
42 17.9 16.3 24.5
71 30.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion: 136 Resp: 829460
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 7.0 10.4
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 60.513 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

Instrument :

BNA_F

ClientSampleId :

VNJ-241

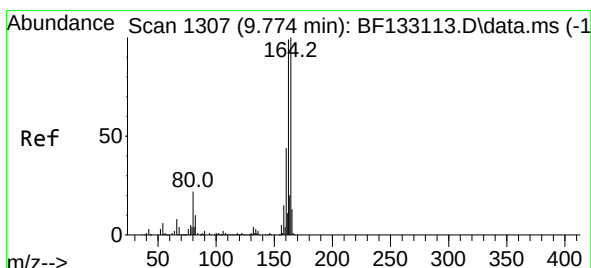
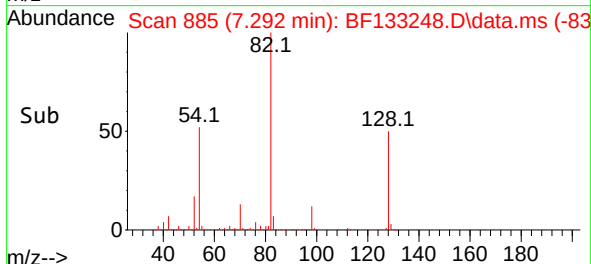
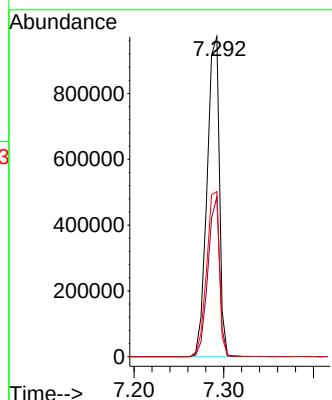
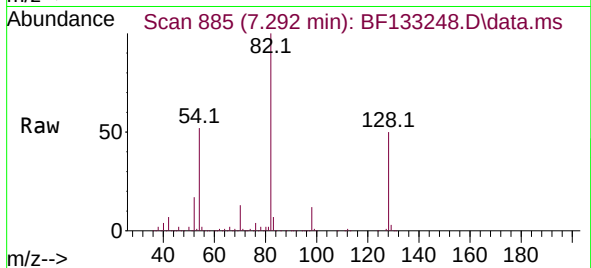
Tgt Ion: 82 Resp: 929897

Ion Ratio Lower Upper

82 100

128 50.0 37.7 56.5

54 51.6 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.012 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

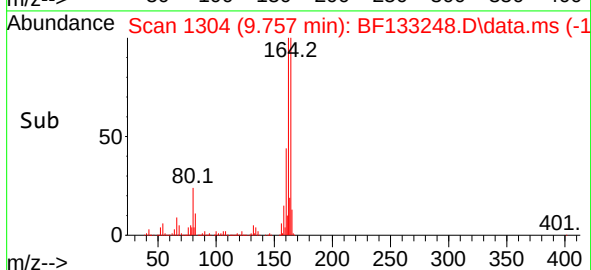
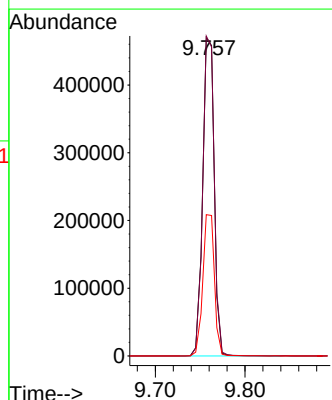
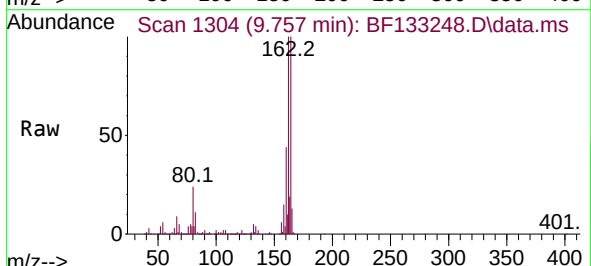
Tgt Ion:164 Resp: 417887

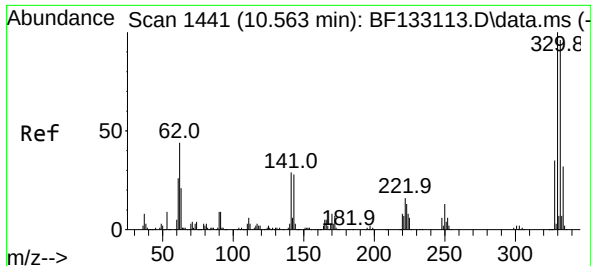
Ion Ratio Lower Upper

164 100

162 100.5 78.7 118.1

160 44.4 35.8 53.6

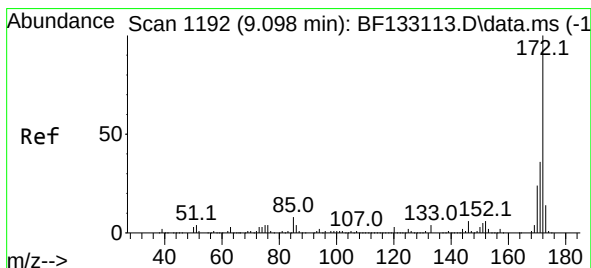
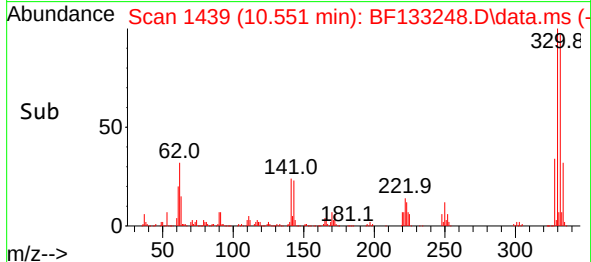
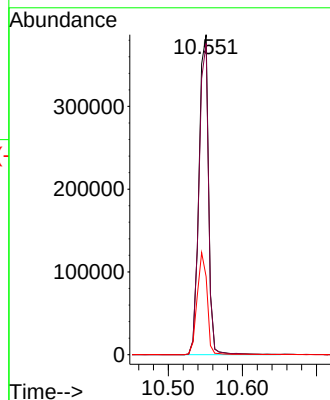
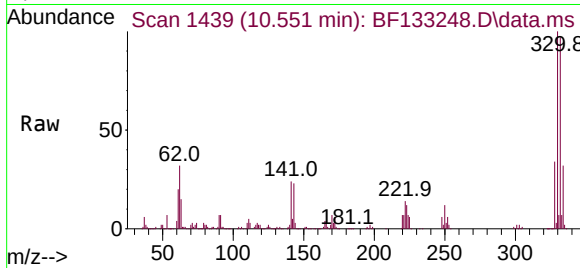




#42
2,4,6-Tribromophenol
Concen: 82.264 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

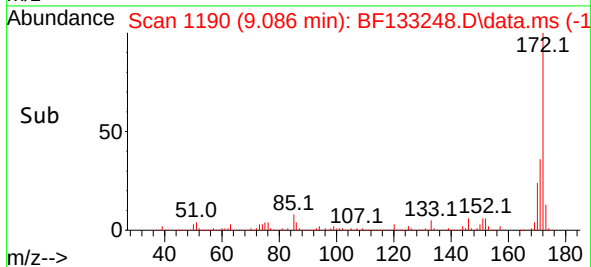
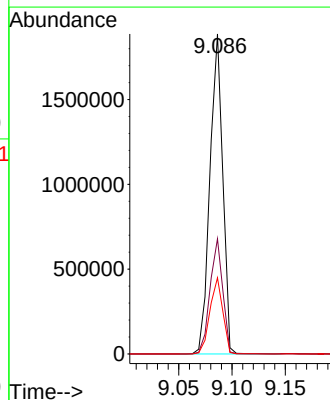
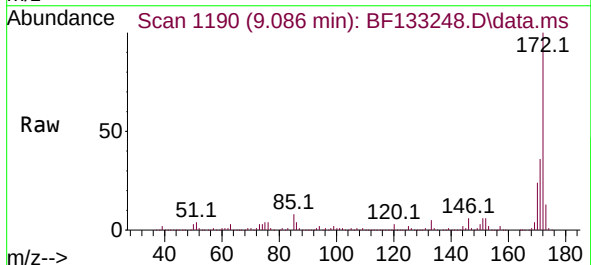
Instrument :
BNA_F
ClientSampleId :
VNJ-241

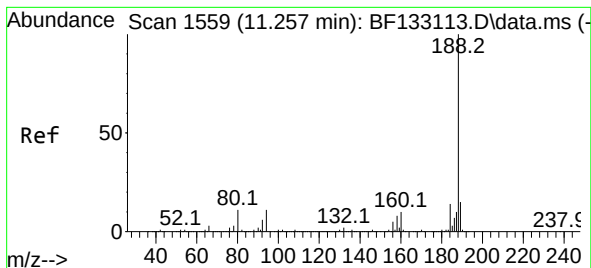
Tgt Ion: 330 Resp: 345726
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.464 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

Tgt Ion: 172 Resp: 1585215
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

Instrument :

BNA_F

ClientSampleId :

VNJ-241

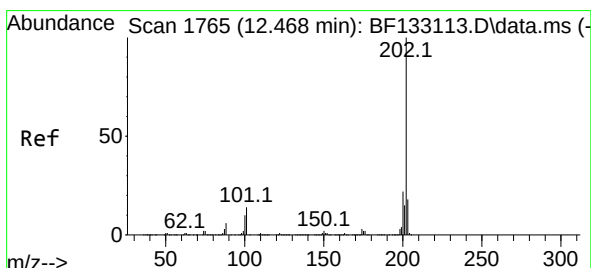
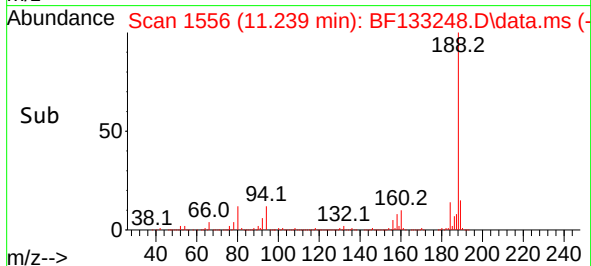
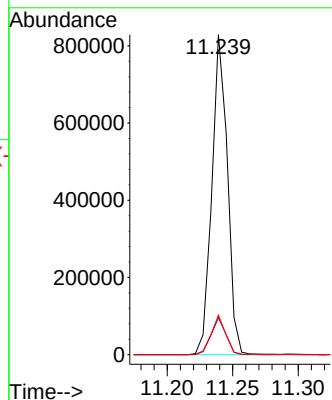
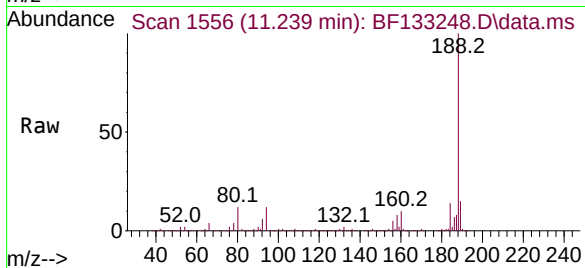
Tgt Ion:188 Resp: 683340

Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 12.4 10.4 15.6



#75

Fluoranthene

Concen: 2.108 ng

RT: 12.451 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BF133248.D

Acq: 05 May 2023 00:12

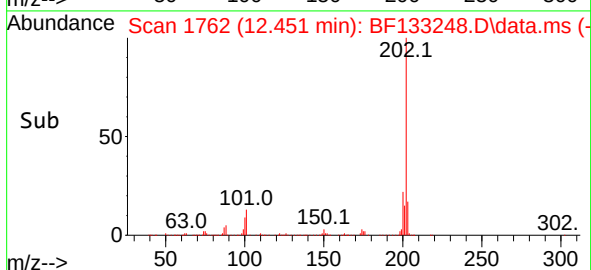
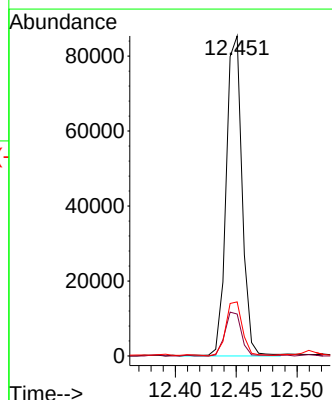
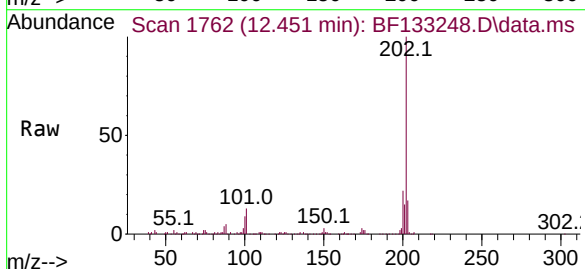
Tgt Ion:202 Resp: 77716

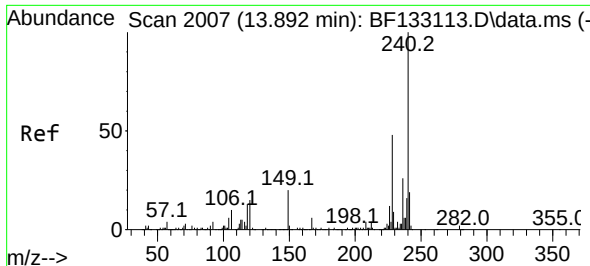
Ion Ratio Lower Upper

202 100

101 13.1 0.0 35.3

203 16.9 0.0 38.1

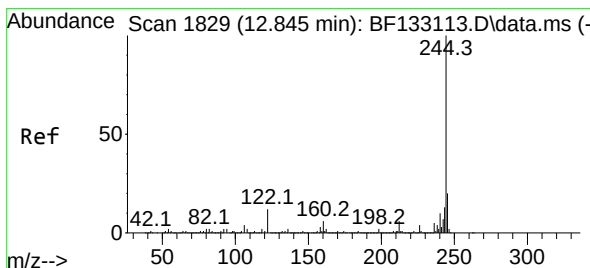
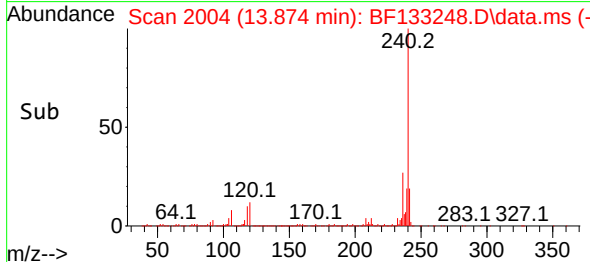
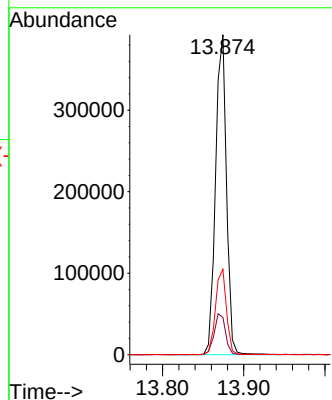
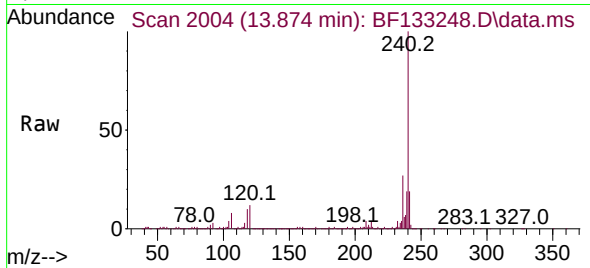




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

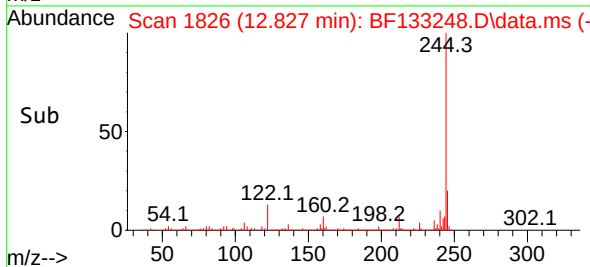
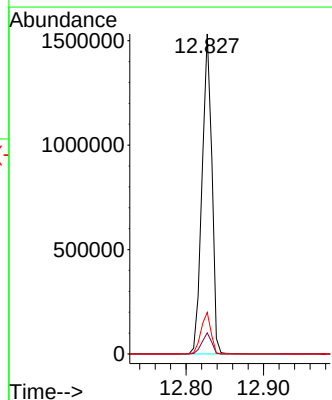
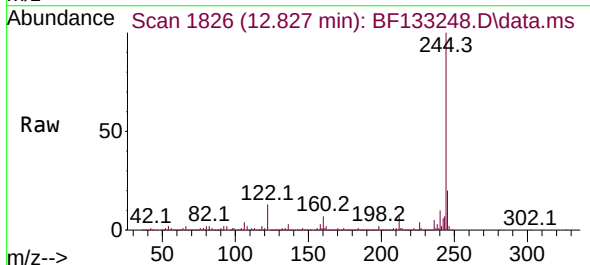
Instrument :
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VNJ-241

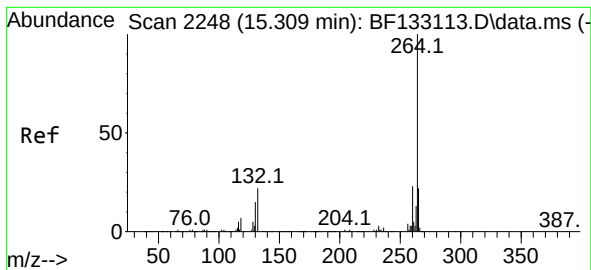
Tgt Ion:240 Resp: 366418
Ion Ratio Lower Upper
240 100
120 11.6 10.5 15.7
236 26.7 21.5 32.3



#79
Terphenyl-d14
Concen: 63.314 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF133248.D
Acq: 05 May 2023 00:12

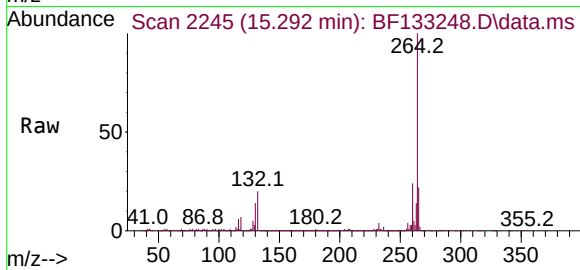
Tgt Ion:244 Resp: 1345162
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.0 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133248.D
 Acq: 05 May 2023 00:12

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241



Tgt Ion:264 Resp: 401410
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.7 17.0 25.4

