

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132004.D
 Acq On : 10 Jan 2023 19:25
 Operator : CG\JU
 Sample : 01065-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210

Quant Time: Jan 11 00:38:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74801	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	280255	20.000	ng	-0.01
39) Acenaphthene-d10	9.834	164	164005	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	320503	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	182775	20.000	ng	-0.01
86) Perylene-d12	15.439	264	146488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	681069	150.032	ng	0.02
7) Phenol-d6	6.428	99	823400	136.804	ng	0.00
23) Nitrobenzene-d5	7.357	82	668053	98.933	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	298059	158.063	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1187309	97.730	ng	0.00
79) Terphenyl-d14	12.922	244	1445693	113.367	ng	0.00

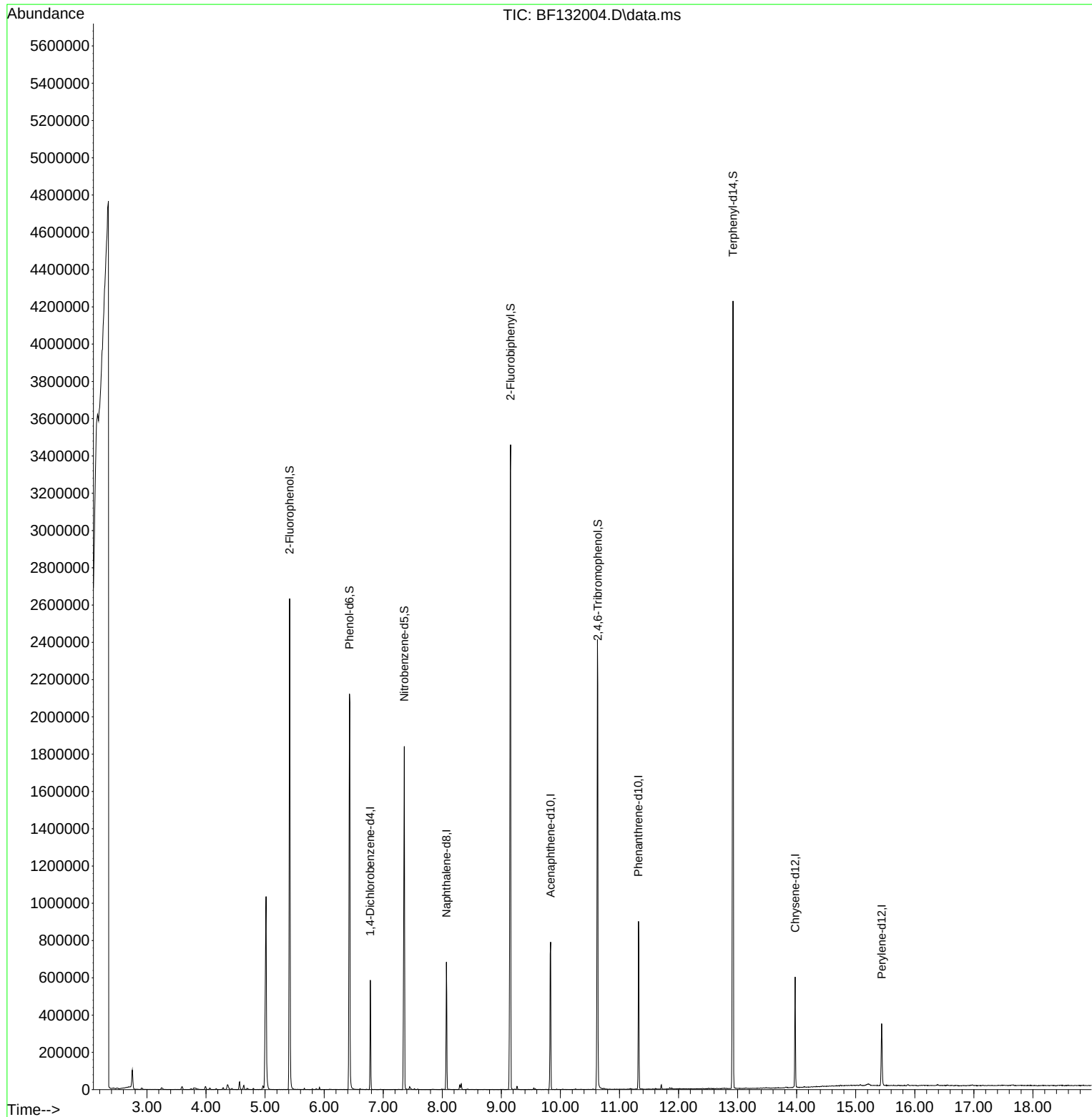
Target Compounds	Qvalue

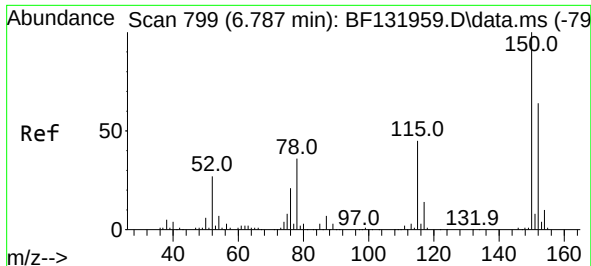
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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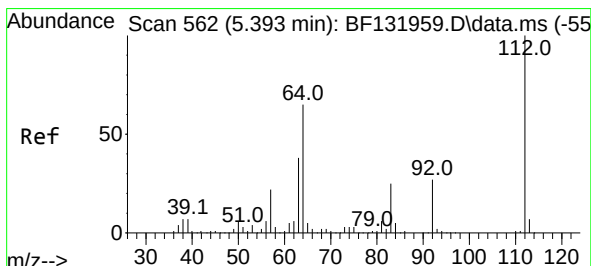
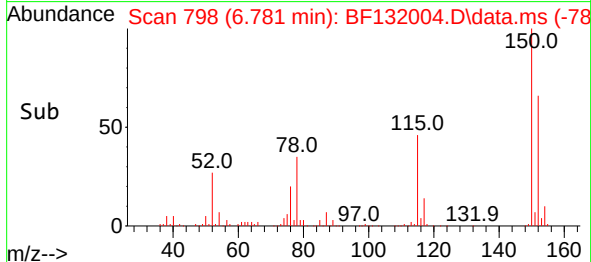
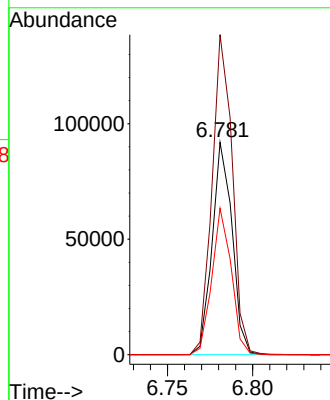
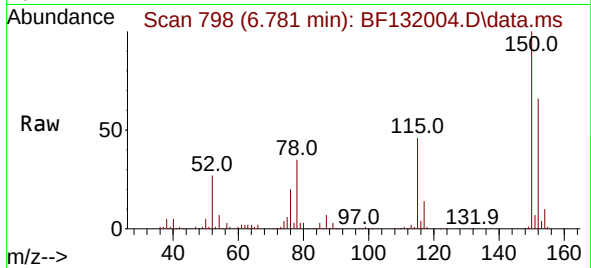




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132004.D
 Acq: 10 Jan 2023 19:25

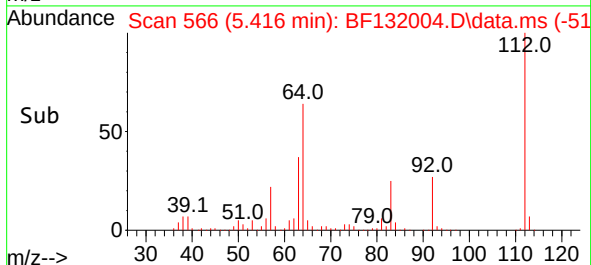
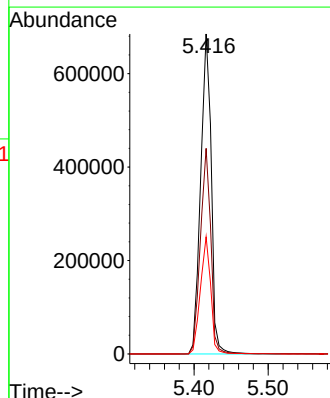
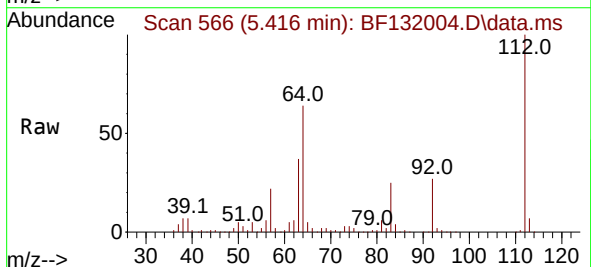
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210

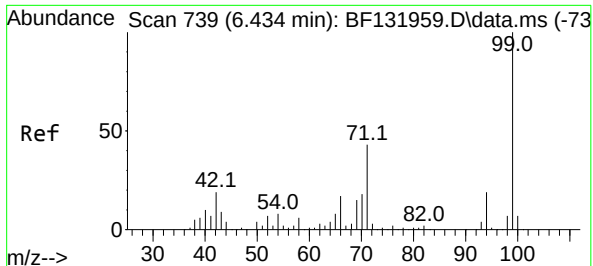
Tgt Ion:152 Resp: 74801
 Ion Ratio Lower Upper
 152 100
 150 150.7 124.6 186.8
 115 69.0 55.6 83.4



#5
 2-Fluorophenol
 Concen: 150.032 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.024 min
 Lab File: BF132004.D
 Acq: 10 Jan 2023 19:25

Tgt Ion:112 Resp: 681069
 Ion Ratio Lower Upper
 112 100
 64 64.3 51.9 77.9
 63 36.6 30.2 45.2

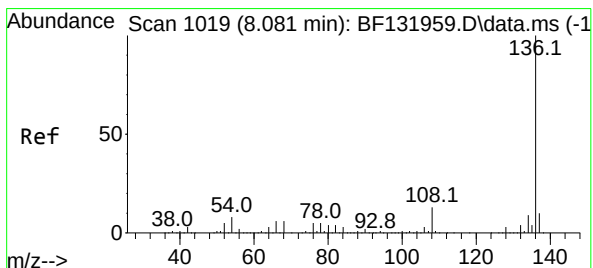
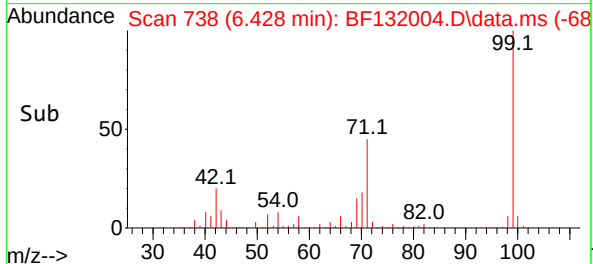
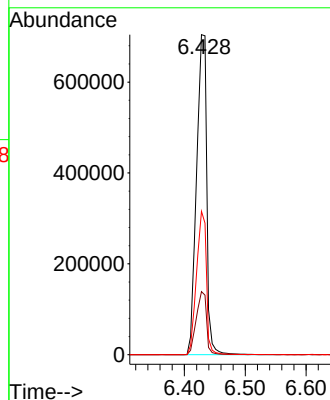
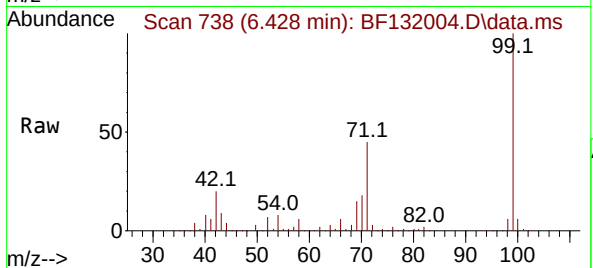




#7
Phenol-d6
Concen: 136.804 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

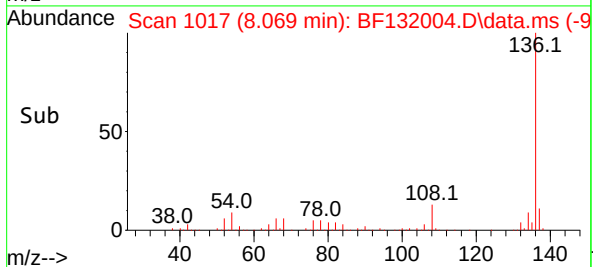
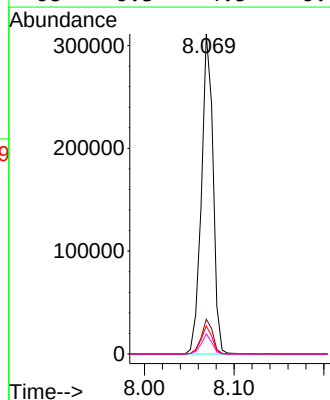
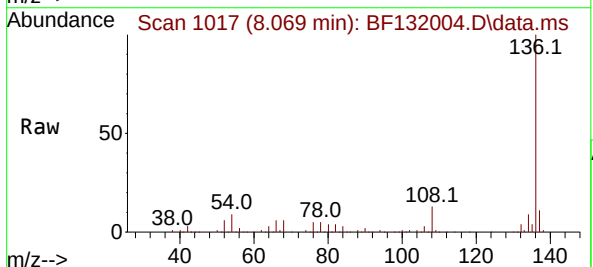
Instrument :
BNA_F
ClientSampleId :
VNJ-210

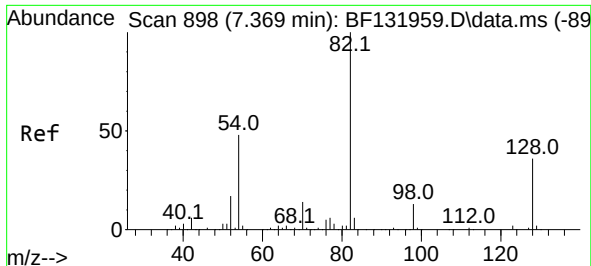
Tgt Ion: 99 Resp: 823400
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 44.8 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

Tgt Ion: 136 Resp: 280255
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.8 6.6 9.8
68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 98.933 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

Instrument :

BNA_F

ClientSampleId :

VNJ-210

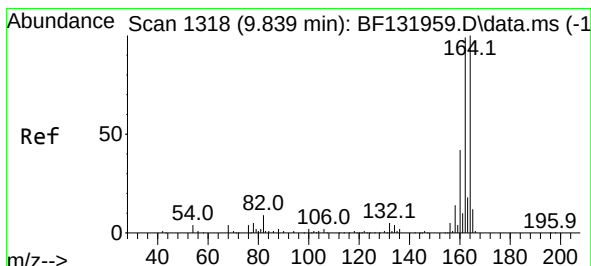
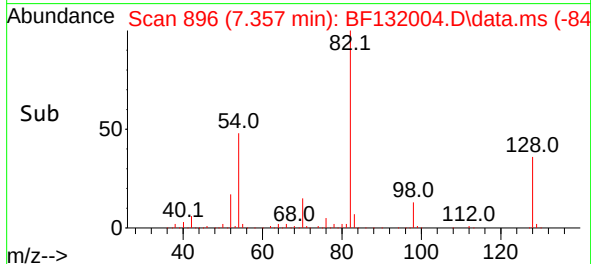
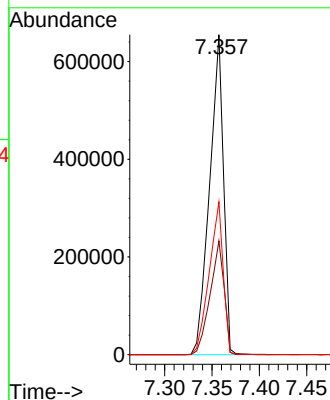
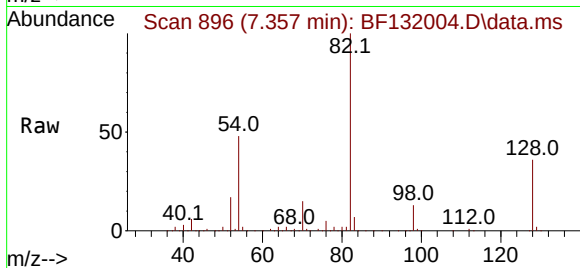
Tgt Ion: 82 Resp: 668053

Ion Ratio Lower Upper

82 100

128 35.5 28.7 43.1

54 47.8 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF132004.D

Acq: 10 Jan 2023 19:25

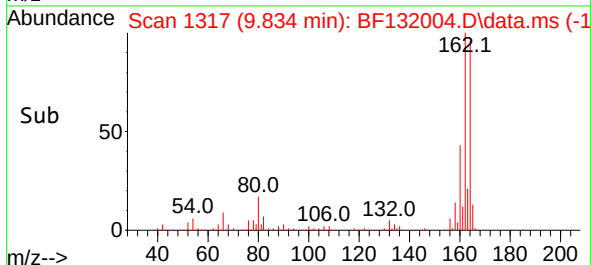
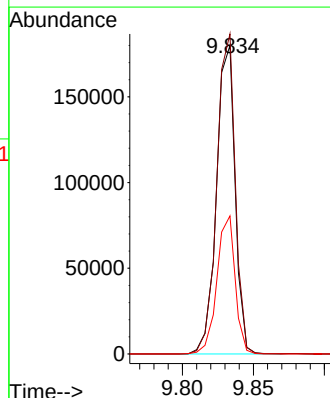
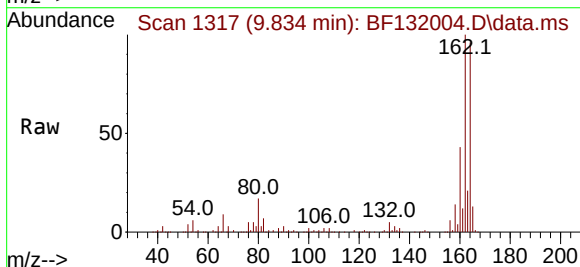
Tgt Ion:164 Resp: 164005

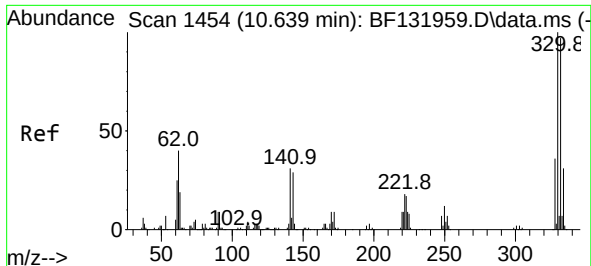
Ion Ratio Lower Upper

164 100

162 103.7 79.4 119.0

160 44.8 33.9 50.9

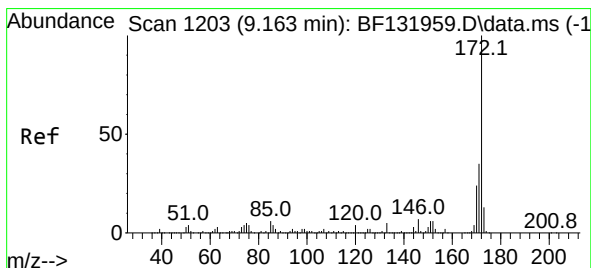
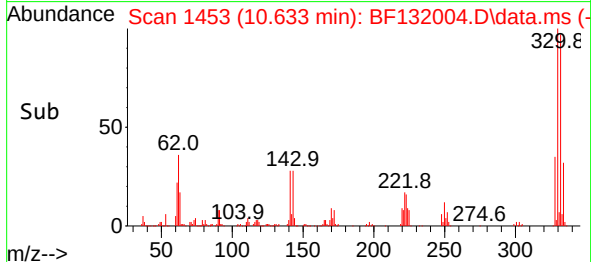
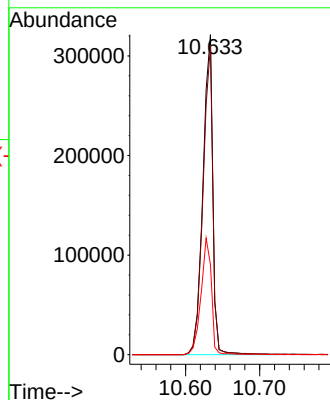
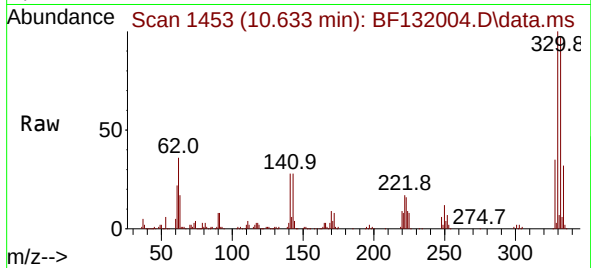




#42
2,4,6-Tribromophenol
Concen: 158.063 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

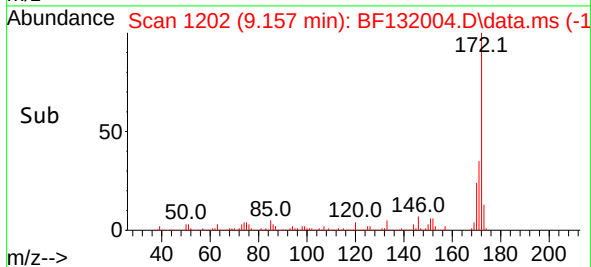
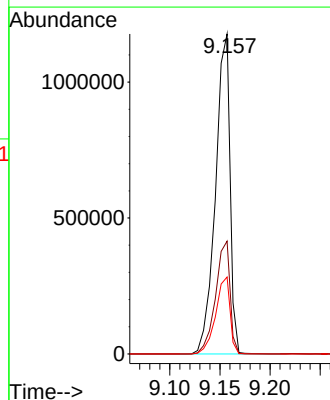
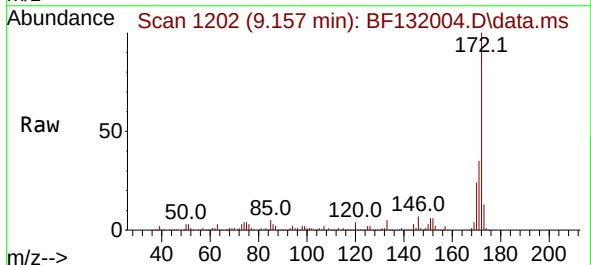
Instrument :
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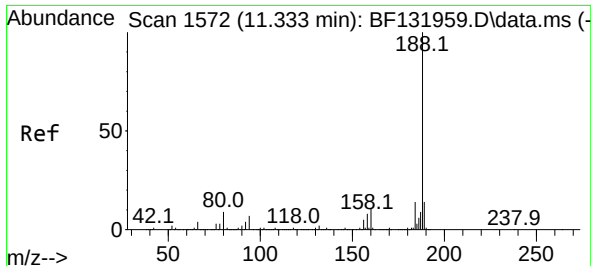
Tgt Ion: 330 Resp: 298059
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 38.2 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 97.730 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

Tgt Ion: 172 Resp: 1187309
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.1 18.9 28.3

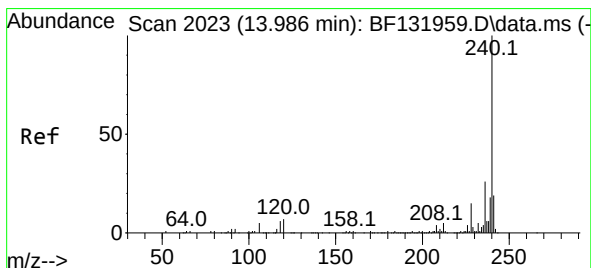
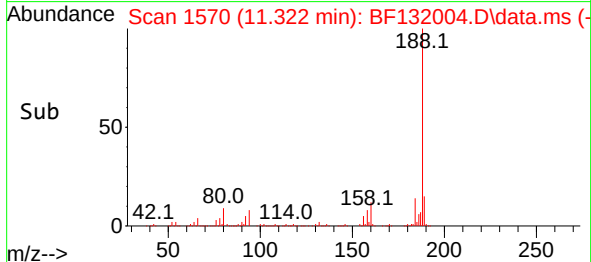
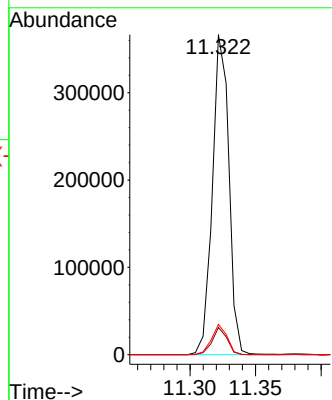
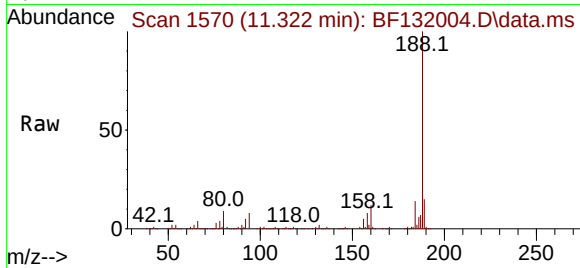




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

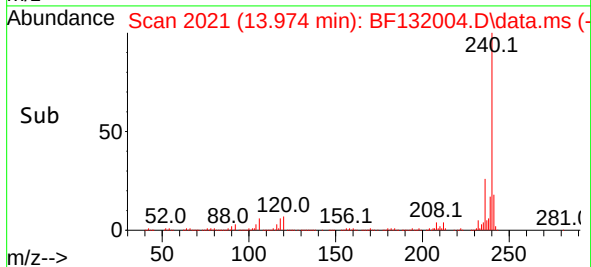
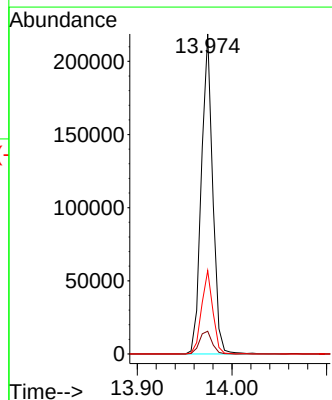
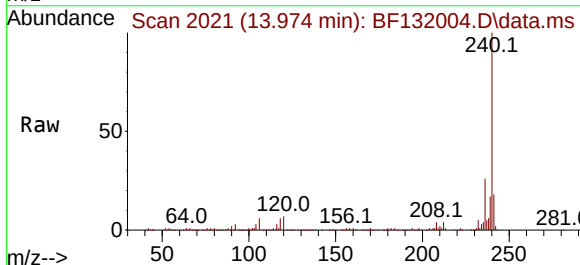
Instrument :
BNA_F
ClientSampleId :
VNJ-210

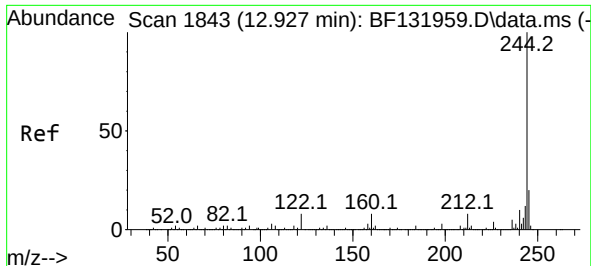
Tgt Ion:188 Resp: 320503
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132004.D
Acq: 10 Jan 2023 19:25

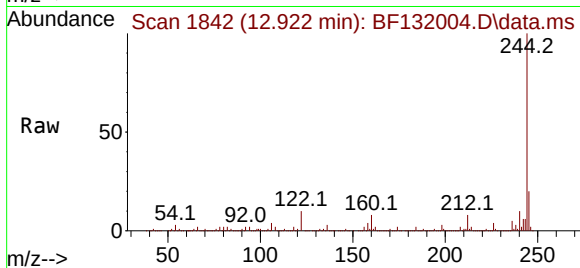
Tgt Ion:240 Resp: 182775
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.0
236 26.1 21.1 31.7





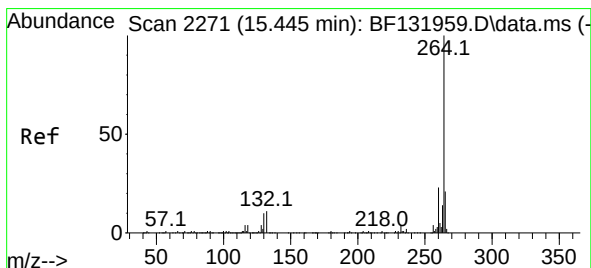
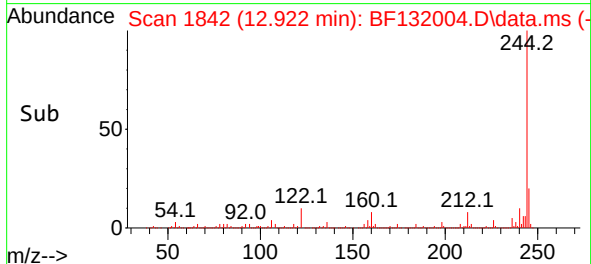
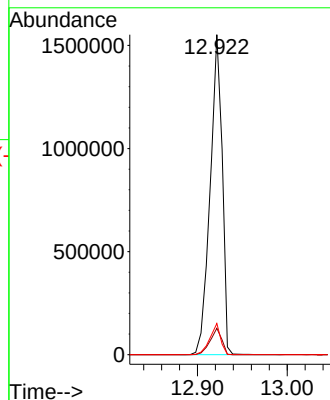
#79
 Terphenyl-d14
 Concen: 113.367 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132004.D
 Acq: 10 Jan 2023 19:25

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210



Tgt Ion:244 Resp: 1445693

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	9.7	6.8	10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF132004.D
 Acq: 10 Jan 2023 19:25

Tgt Ion:264 Resp: 146488

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	20.7	16.9	25.3

