

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141203.D
 Acq On : 17 Jan 2025 19:52
 Operator : RC/JU
 Sample : Q1119-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILTER CAKE

Quant Time: Jan 17 23:11:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

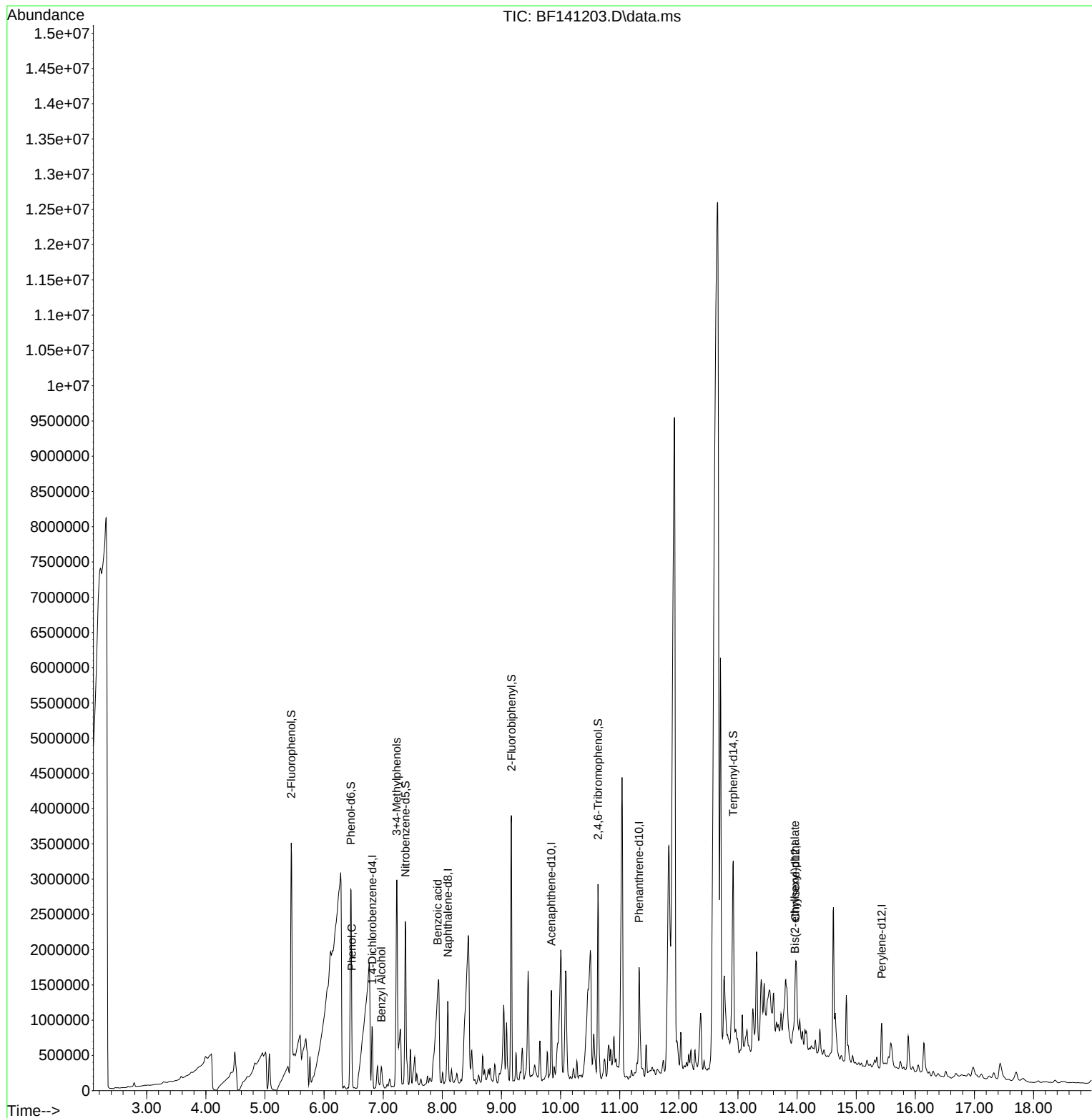
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	182887	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	728487	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	369683	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	525547	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	373282	20.000	ng	-0.01
86) Perylene-d12	15.433	264	384366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1321203	111.599	ng	0.02
7) Phenol-d6	6.451	99	1653746	110.276	ng	0.00
23) Nitrobenzene-d5	7.375	82	1060960	77.201	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	514318	122.099	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	1724144	71.219	ng	-0.01
79) Terphenyl-d14	12.921	244	1086251	43.251	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.469	94	87515	5.452	ng	81
15) Benzyl Alcohol	6.969	79	107010	9.881	ng	100
20) 3+4-Methylphenols	7.228	107	1183326	91.467	ng	# 70
32) Benzoic acid	7.922	122	139314	16.525	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	49546	3.474	ng	# 93

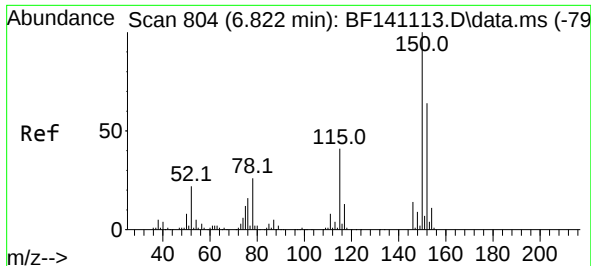
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141203.D
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Operator : RC/JU
Sample : Q1119-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Quant Time: Jan 17 23:11:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

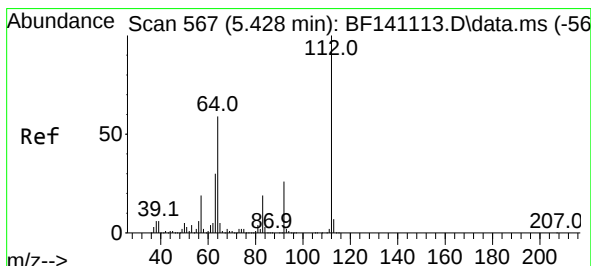
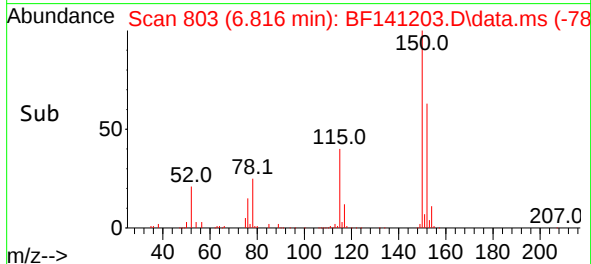
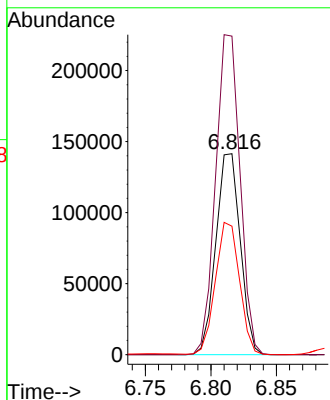
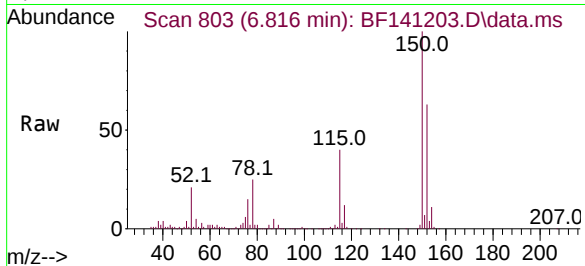




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

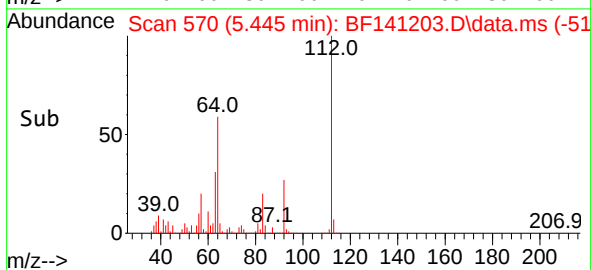
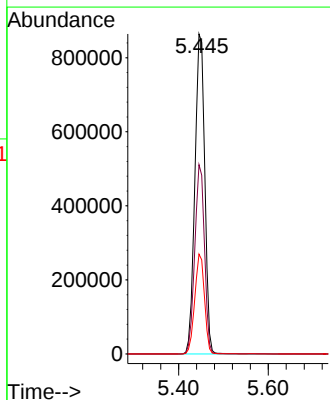
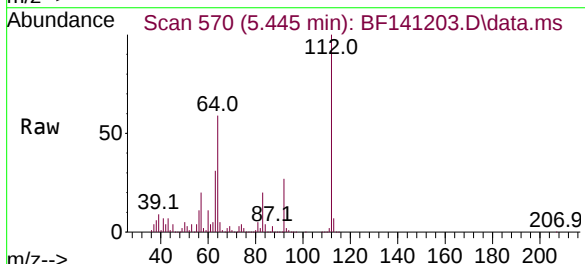
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:152 Resp: 182887
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.8
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 111.599 ng
RT: 5.445 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:112 Resp: 1321203
Ion Ratio Lower Upper
112 100
64 59.2 47.3 70.9
63 31.2 24.2 36.2

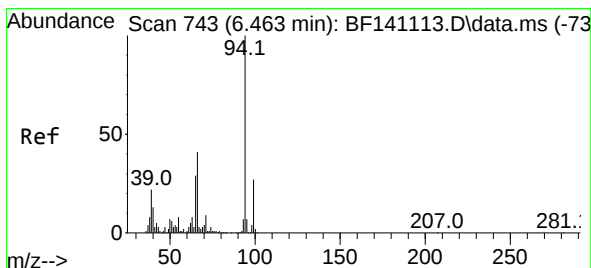
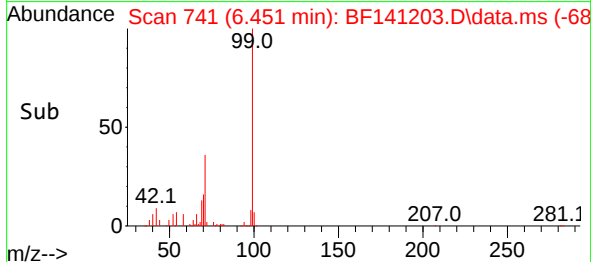
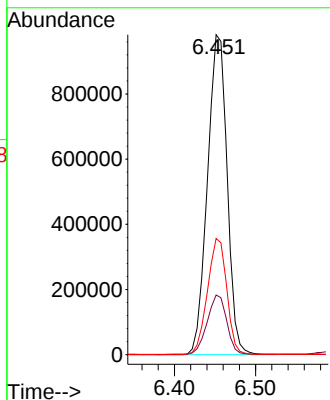
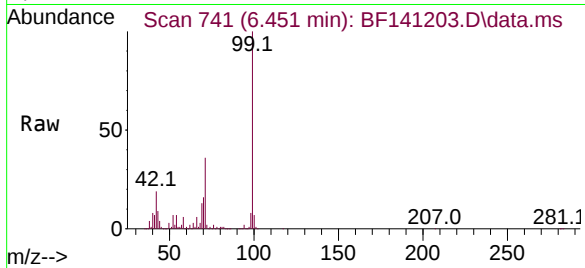




#7
Phenol-d6
Concen: 110.276 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

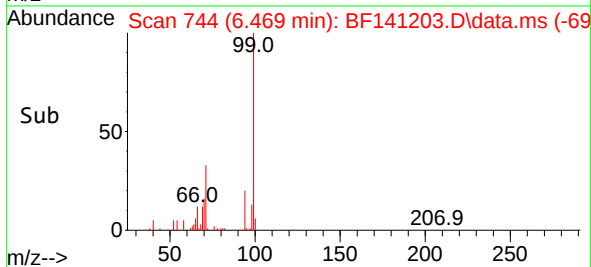
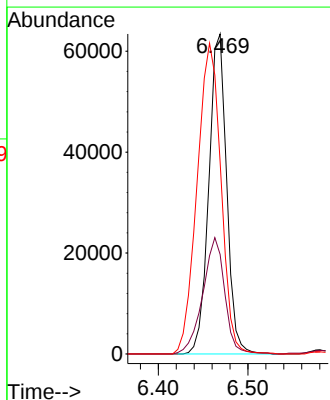
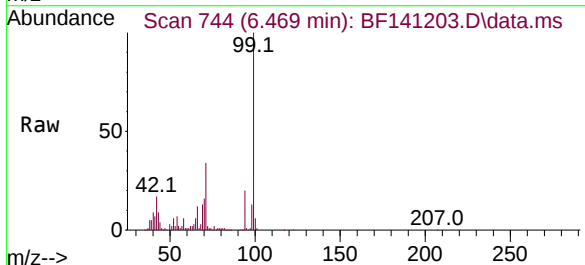
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

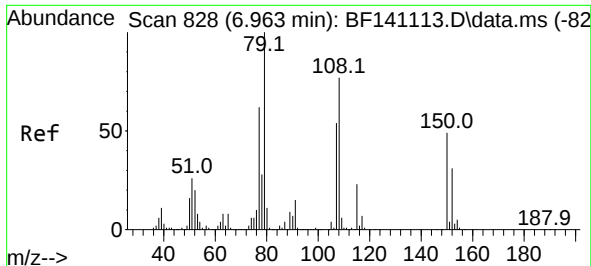
Tgt Ion: 99 Resp: 1653746
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.3 27.6 41.4



#10
Phenol
Concen: 5.452 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 94 Resp: 87515
Ion Ratio Lower Upper
94 100
65 31.1 8.9 48.9
66 60.0 21.2 61.2

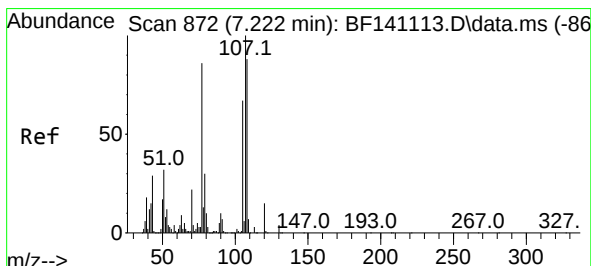
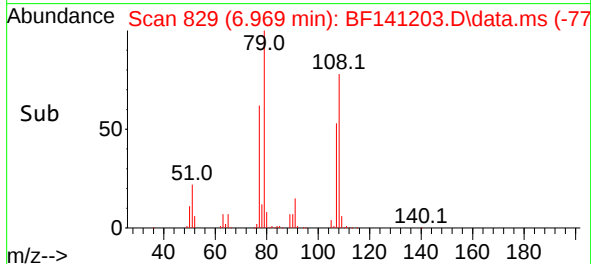
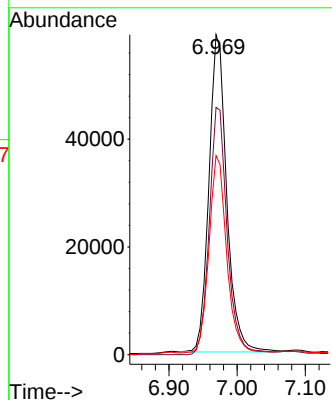
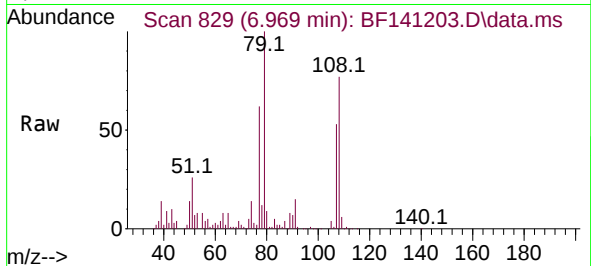




#15
Benzyl Alcohol
Concen: 9.881 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

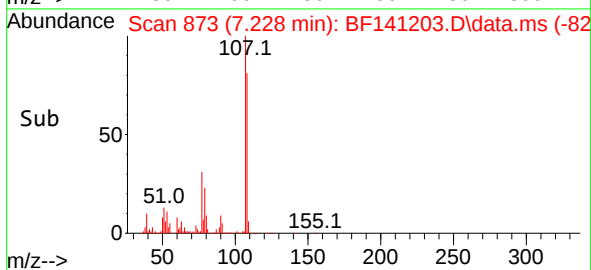
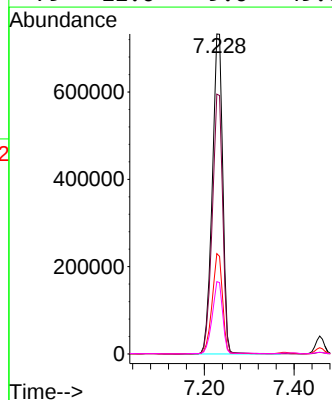
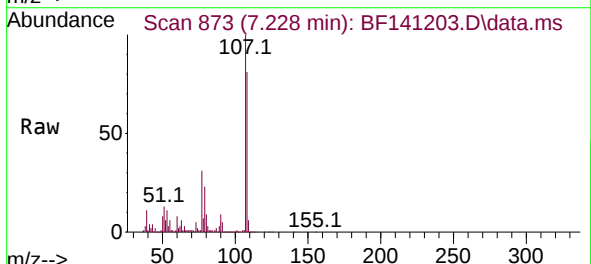
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

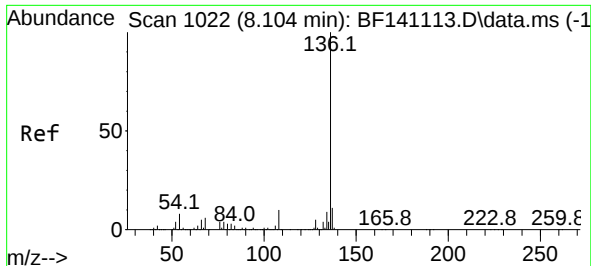
Tgt Ion: 79 Resp: 107010
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.0
77 62.2 49.8 74.6



#20
3+4-Methylphenols
Concen: 91.467 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 107 Resp: 1183326
Ion Ratio Lower Upper
107 100
108 81.2 68.3 108.3
77 31.3 66.4 106.4#
79 22.6 9.6 49.6



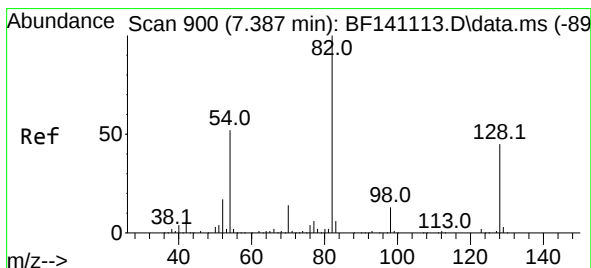
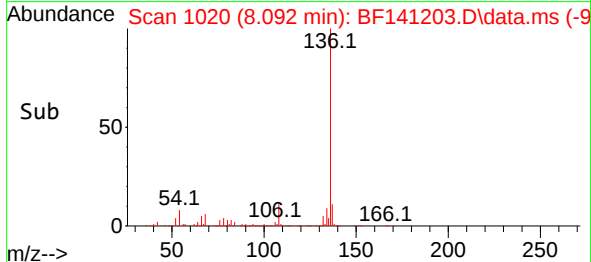
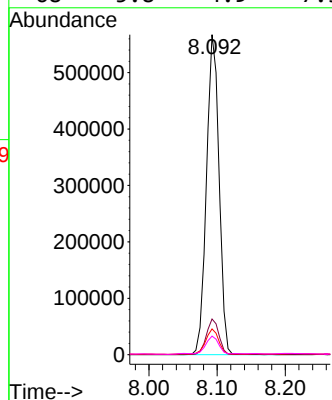
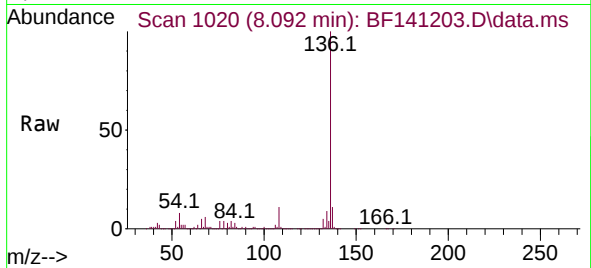


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:136 Resp: 728487

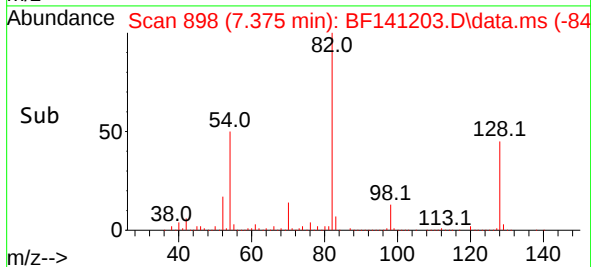
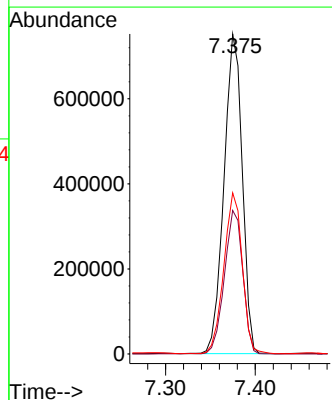
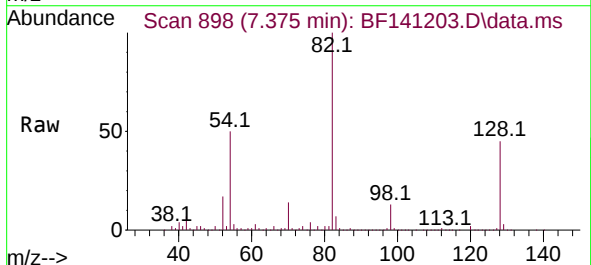
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	6.3	9.5
68	5.8	4.9	7.3

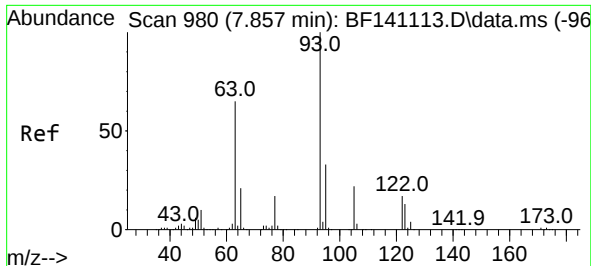


#23
Nitrobenzene-d5
Concen: 77.201 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 82 Resp: 1060960

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	50.3	41.0	61.4

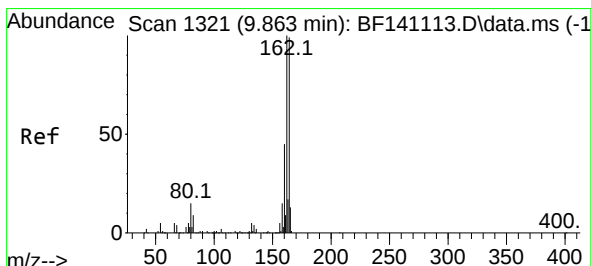
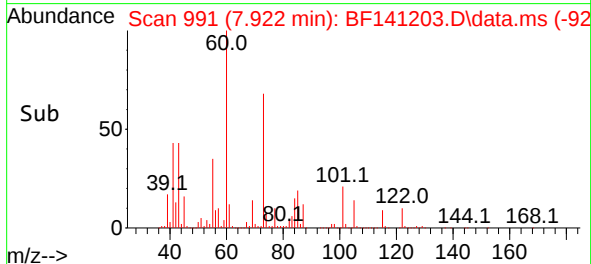
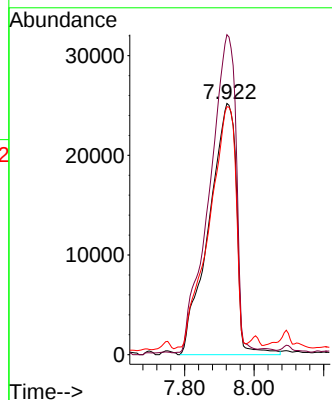
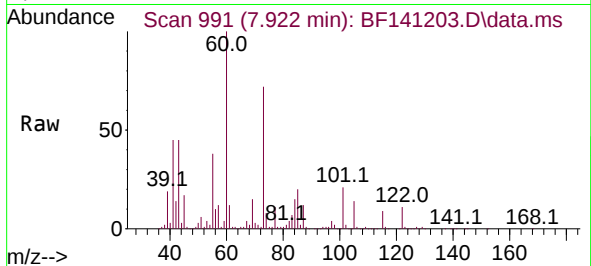




#32
Benzoic acid
Concen: 16.525 ng
RT: 7.922 min Scan# 91
Delta R.T. 0.065 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

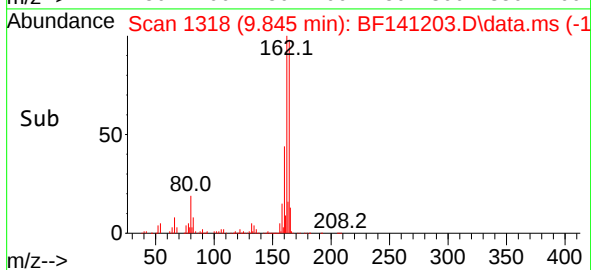
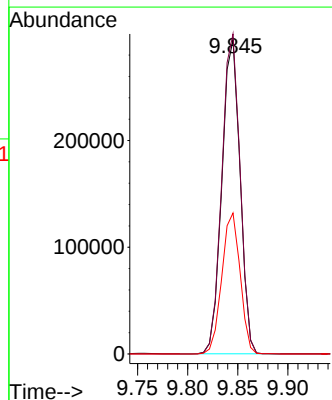
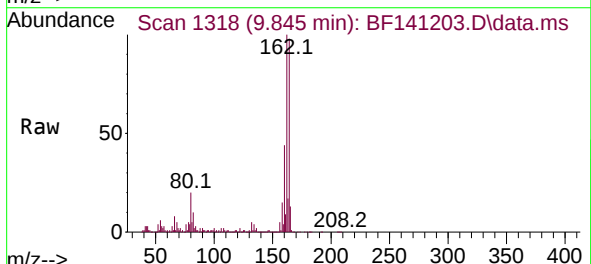
Instrument :
BNA_F
ClientSampleId :
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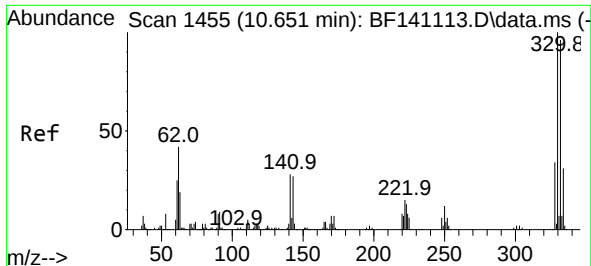
Tgt Ion:122 Resp: 139314
Ion Ratio Lower Upper
122 100
105 127.4 105.5 145.5
77 98.7 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:164 Resp: 369683
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.9 36.1 54.1

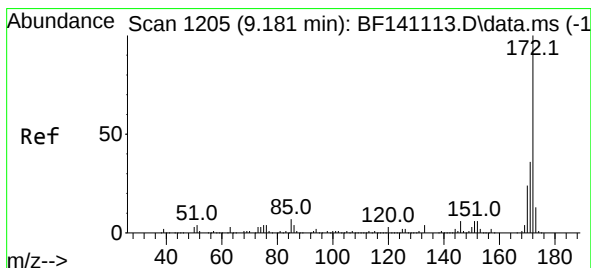
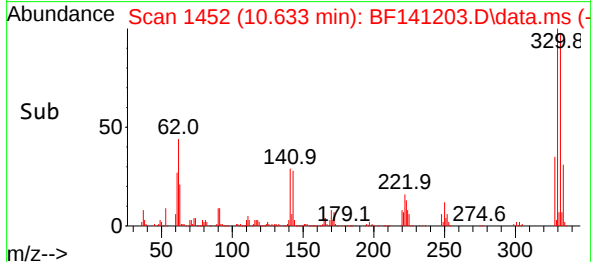
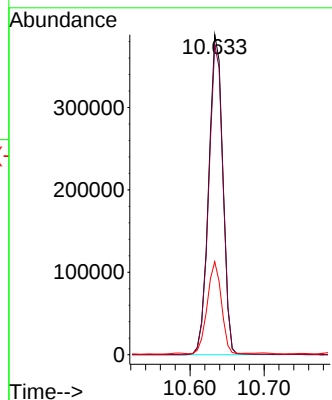
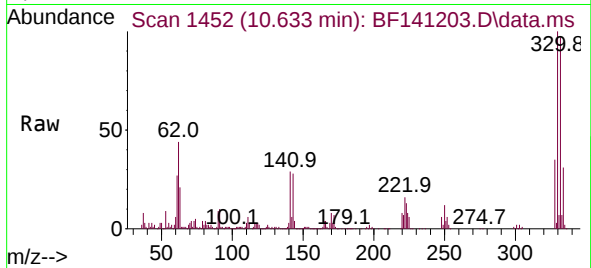




#42
2,4,6-Tribromophenol
Concen: 122.099 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

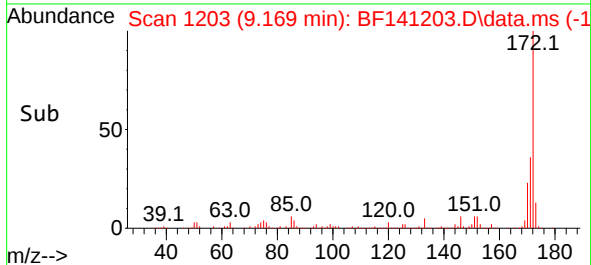
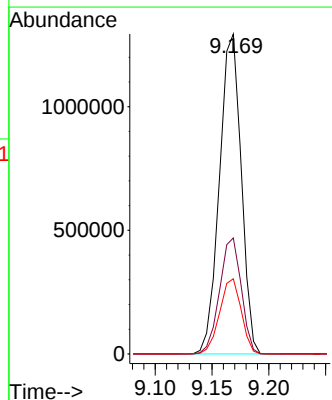
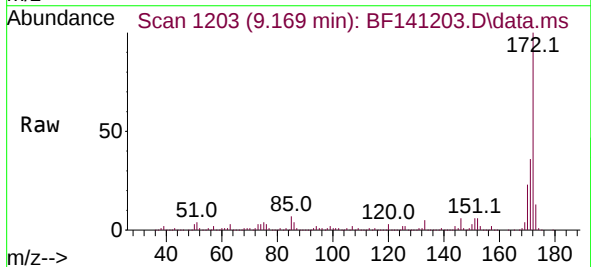
Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

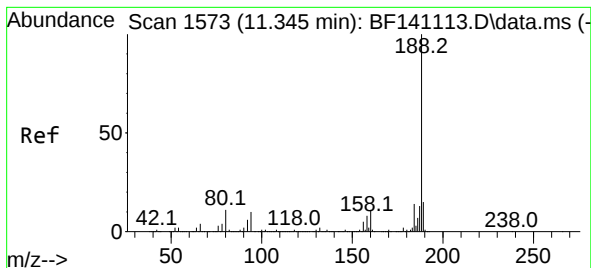
Tgt Ion:330 Resp: 514318
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 28.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 71.219 ng
RT: 9.169 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:172 Resp: 1724144
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

Instrument :

BNA_F

ClientSampleId :

FILTER CAKE

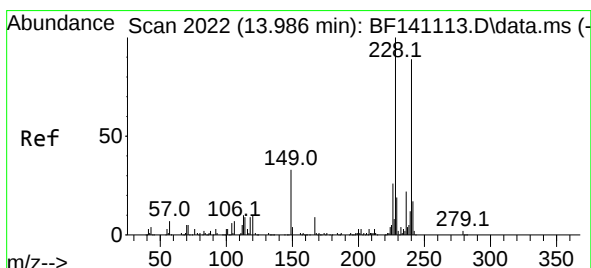
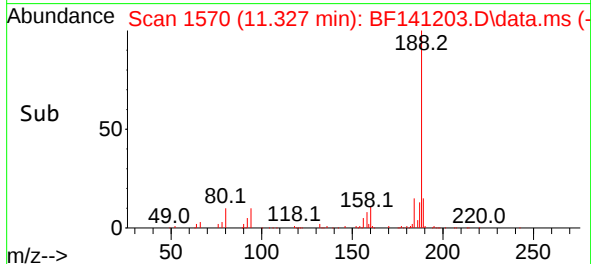
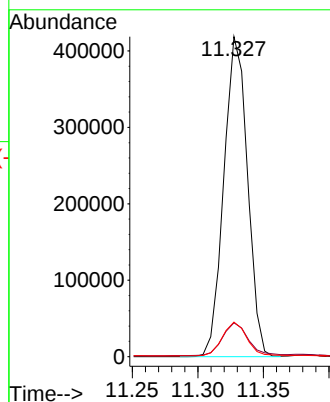
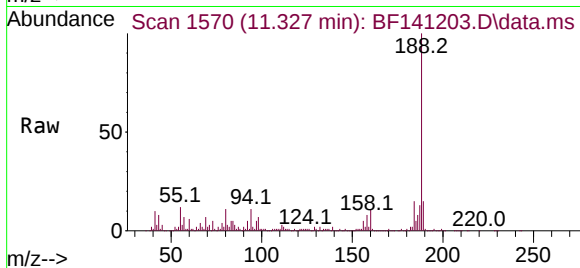
Tgt Ion:188 Resp: 525547

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF141203.D

Acq: 17 Jan 2025 19:52

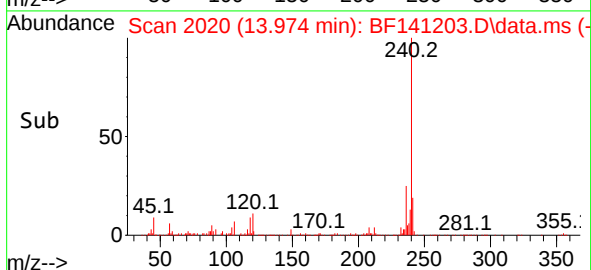
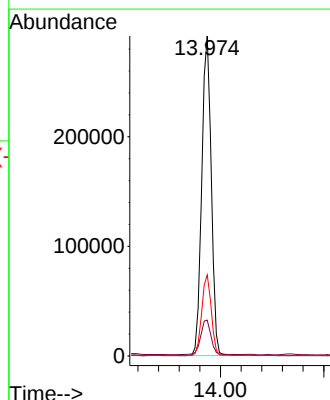
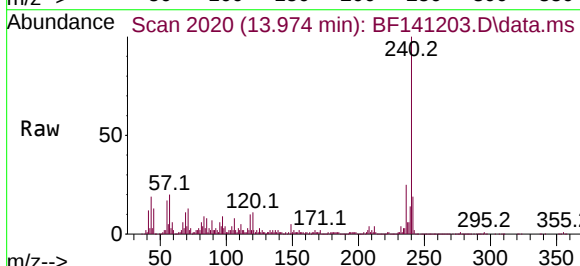
Tgt Ion:240 Resp: 373282

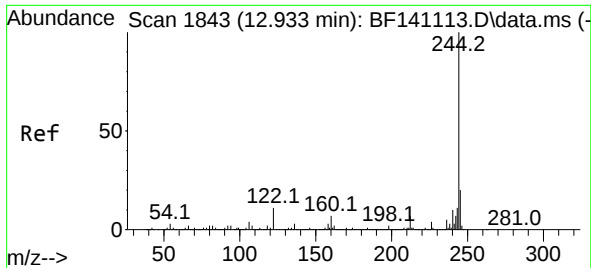
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.3 19.8 29.6

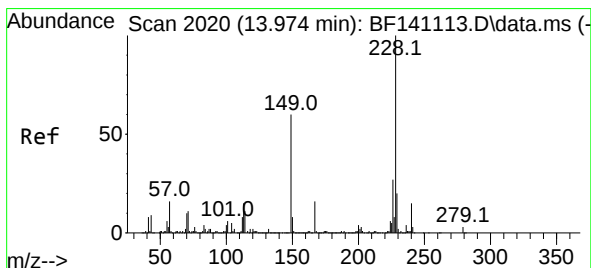
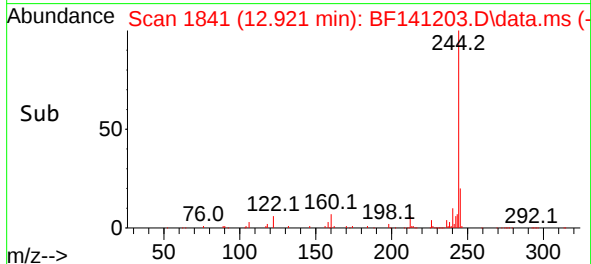
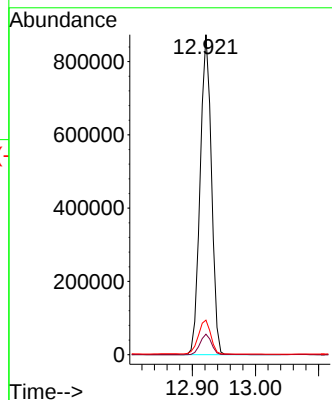
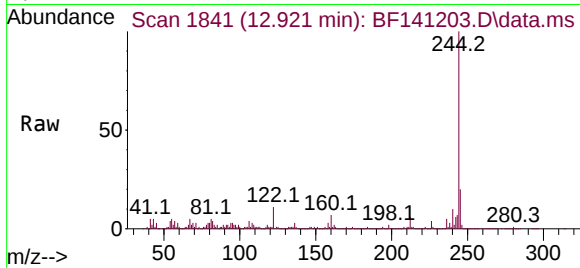




#79
 Terphenyl-d14
 Concen: 43.251 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141203.D
 Acq: 17 Jan 2025 19:52

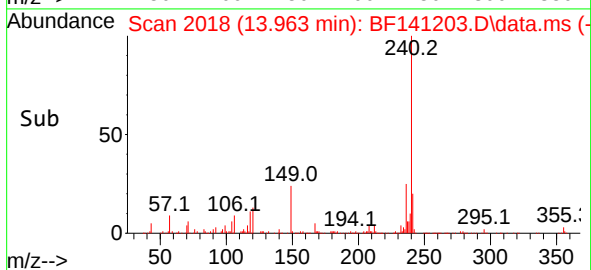
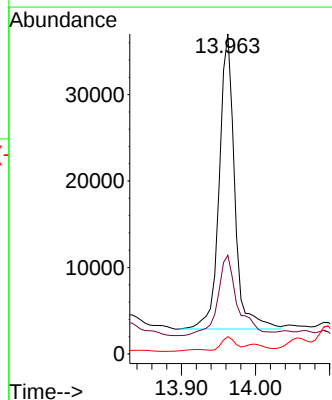
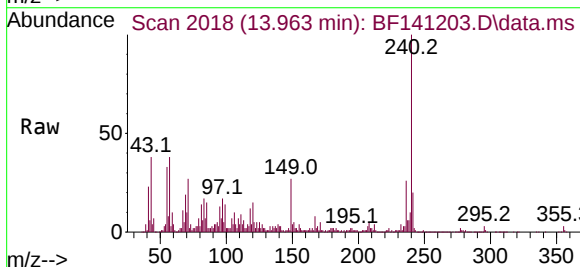
Instrument :
 BNA_F
 ClientSampleId :
 FILTER CAKE

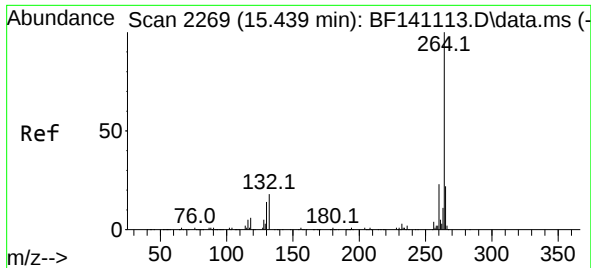
Tgt Ion:244 Resp: 1086251
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.8 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.474 ng
 RT: 13.963 min Scan# 2018
 Delta R.T. -0.012 min
 Lab File: BF141203.D
 Acq: 17 Jan 2025 19:52

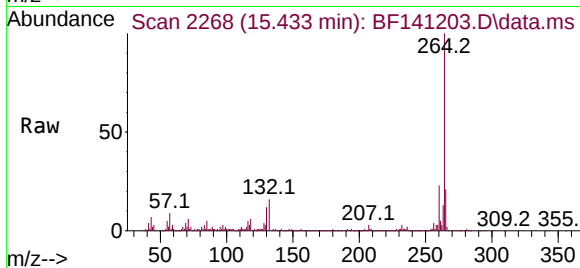
Tgt Ion:149 Resp: 49546
 Ion Ratio Lower Upper
 149 100
 167 30.9 21.4 32.2
 279 5.4 3.4 5.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141203.D
 Acq: 17 Jan 2025 19:52

Instrument :
 BNA_F
 ClientSampleId :
 FILTER CAKE



Tgt Ion:264 Resp: 384366
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.2 17.4 26.0

