

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141222.D
 Acq On : 20 Jan 2025 15:05
 Operator : RC/JU
 Sample : Q1119-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILTER CAKEDL

Quant Time: Jan 20 15:37:21 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)

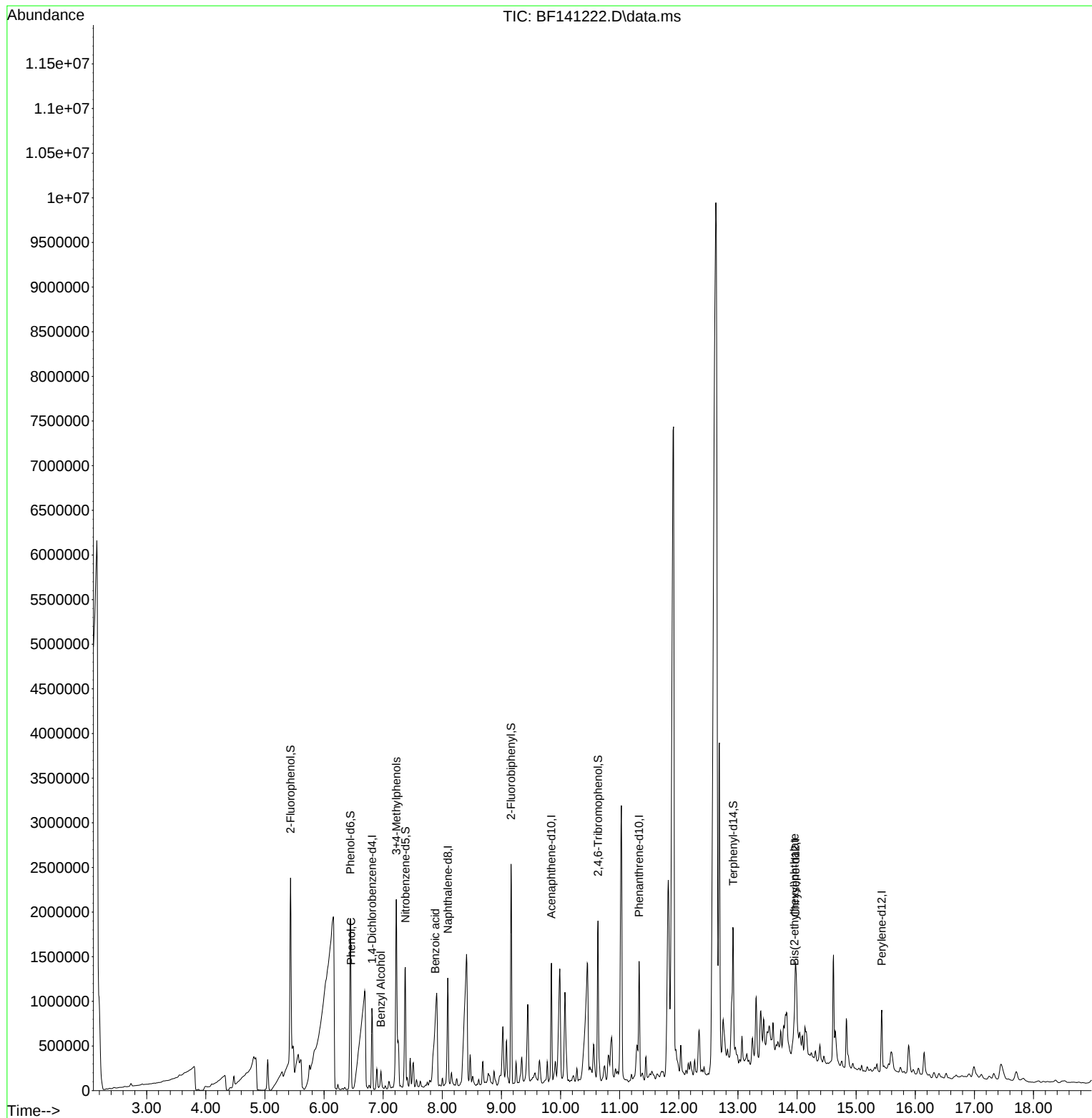
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	188854	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	752267	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	393863	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	605223	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	364877	20.000	ng	-0.01
86) Perylene-d12	15.433	264	398892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	775002	63.394	ng	0.00
7) Phenol-d6	6.446	99	968947	62.570	ng	0.00
23) Nitrobenzene-d5	7.375	82	620361	43.714	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	327339	72.940	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1072881	41.597	ng	-0.02
79) Terphenyl-d14	12.922	244	672655	27.400	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.457	94	49635	2.994	ng	# 69
15) Benzyl Alcohol	6.963	79	60158	5.379	ng	99
20) 3+4-Methylphenols	7.222	107	691704	51.777	ng	# 69
32) Benzoic acid	7.881	122	78001	8.960	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	31946	2.291	ng	# 89

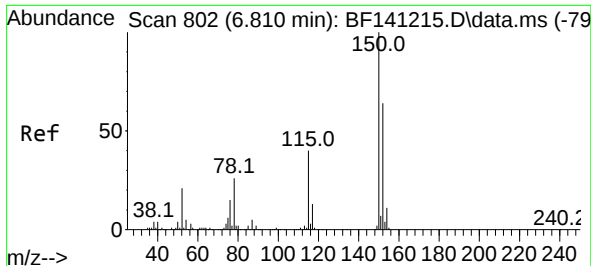
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

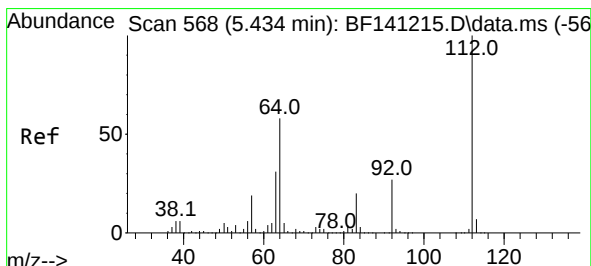
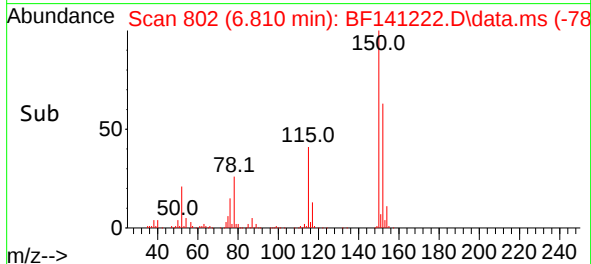
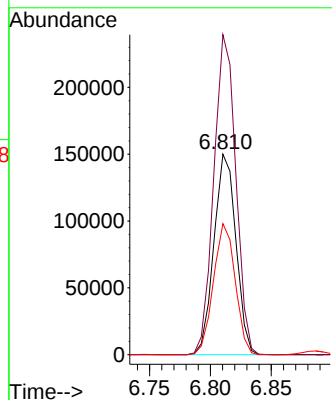
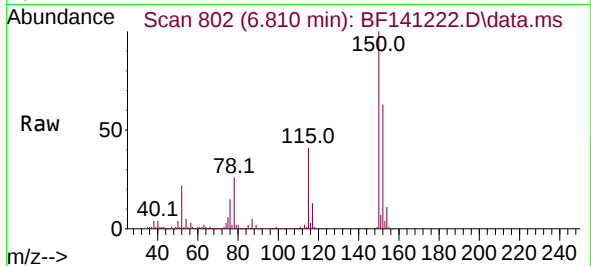




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

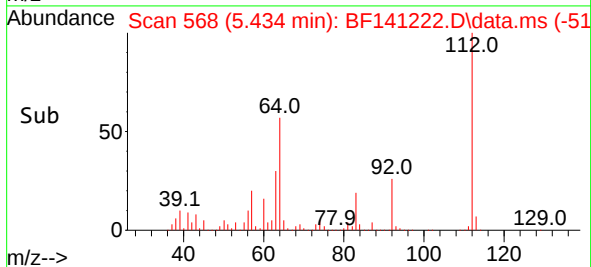
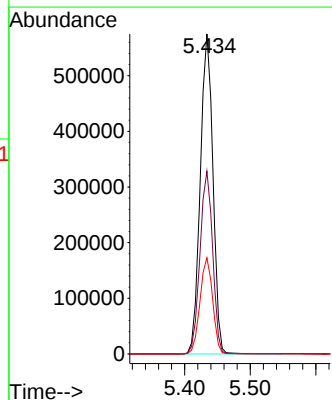
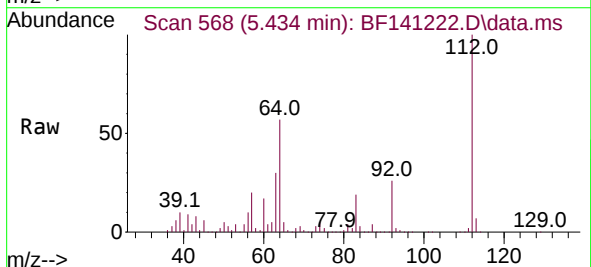
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

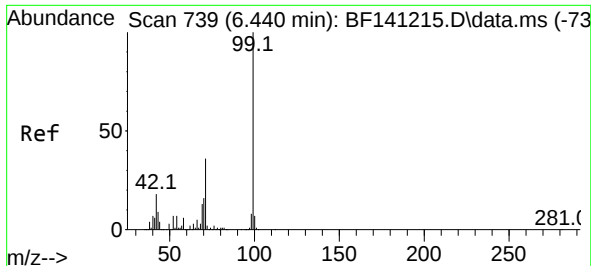
Tgt Ion:152 Resp: 188854
Ion Ratio Lower Upper
152 100
150 159.7 125.8 188.8
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 63.394 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:112 Resp: 775002
Ion Ratio Lower Upper
112 100
64 57.1 47.3 70.9
63 30.1 24.2 36.2

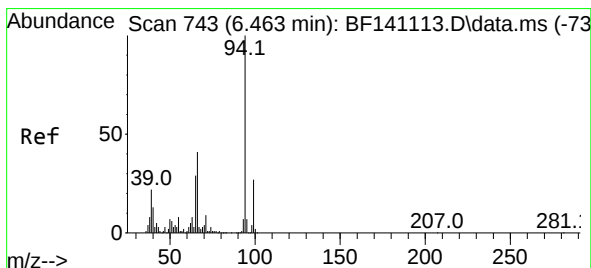
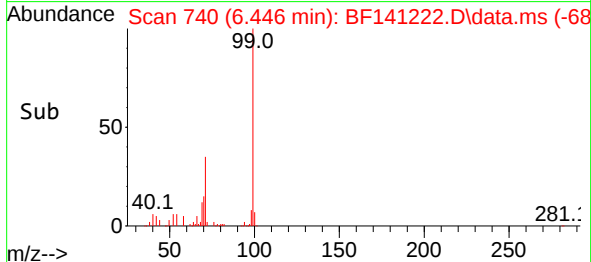
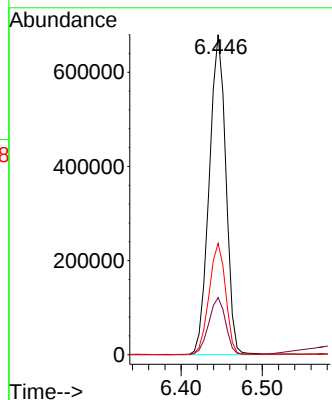
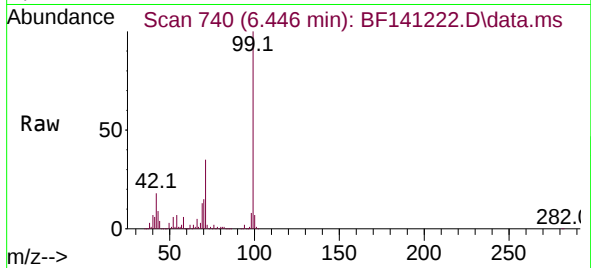




#7
Phenol-d6
Concen: 62.570 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

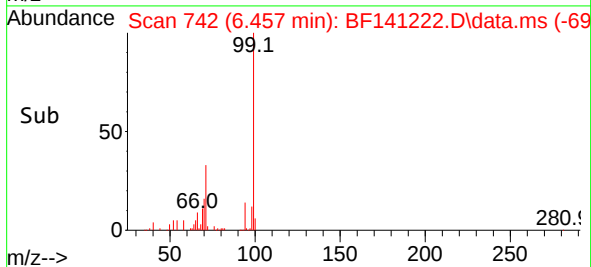
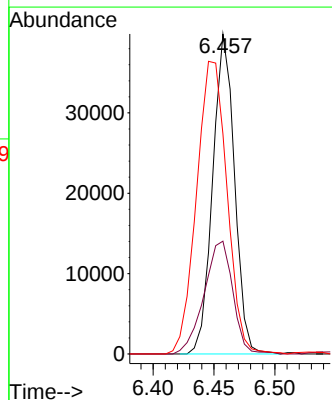
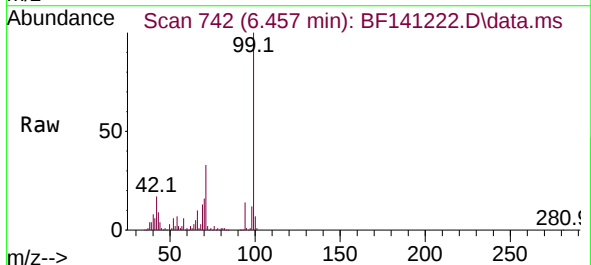
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

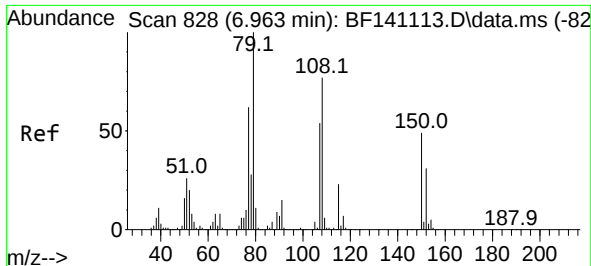
Tgt Ion: 99 Resp: 968947
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 34.8 27.6 41.4



#10
Phenol
Concen: 2.994 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion: 94 Resp: 49635
Ion Ratio Lower Upper
94 100
65 35.3 8.9 48.9
66 68.8 21.2 61.2#

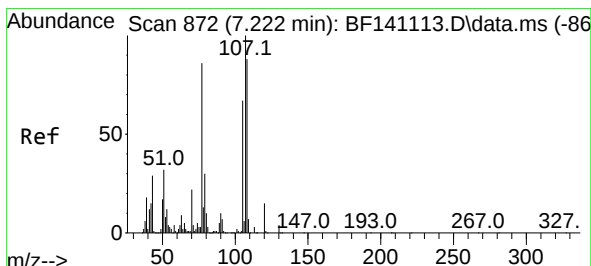
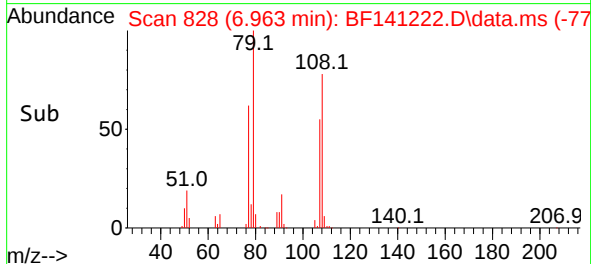
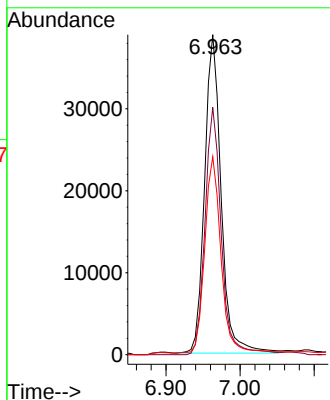
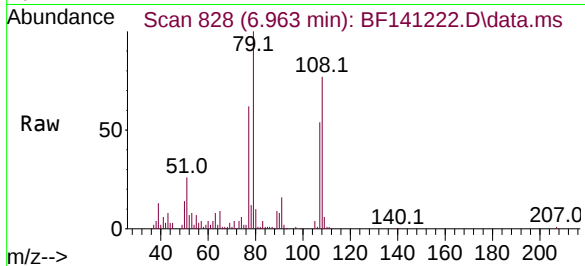




#15
Benzyl Alcohol
Concen: 5.379 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

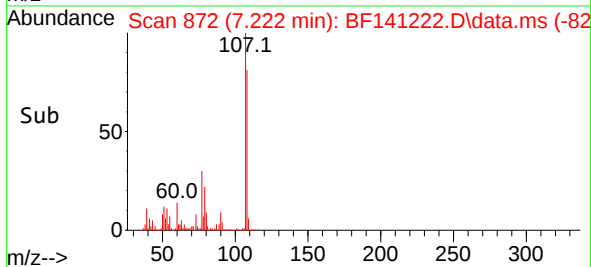
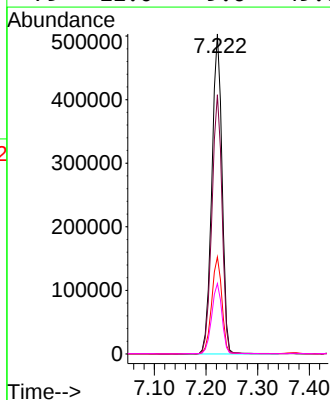
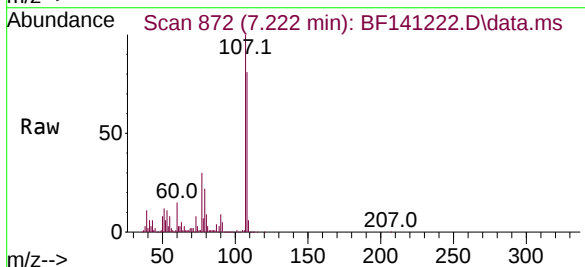
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

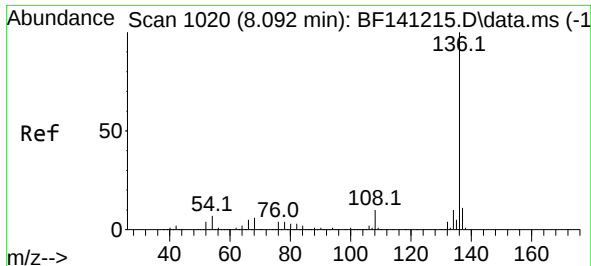
Tgt Ion: 79 Resp: 60158
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.0
77 61.9 49.8 74.6



#20
3+4-Methylphenols
Concen: 51.777 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion: 107 Resp: 691704
Ion Ratio Lower Upper
107 100
108 81.0 68.3 108.3
77 30.3 66.4 106.4#
79 22.0 9.6 49.6



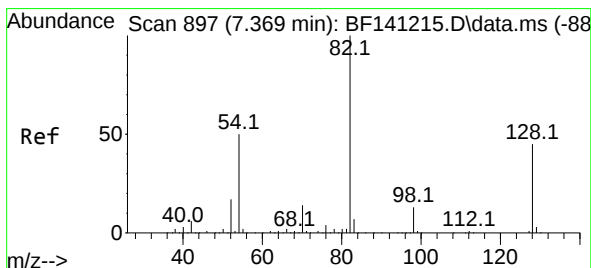
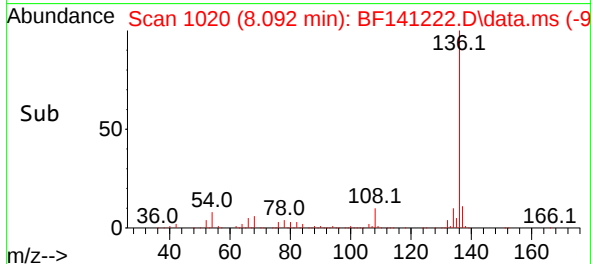
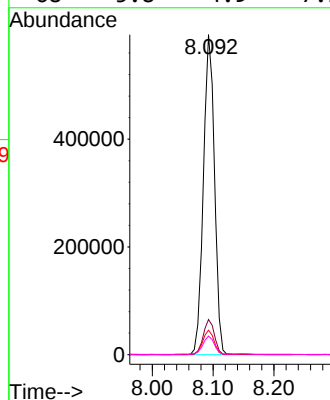
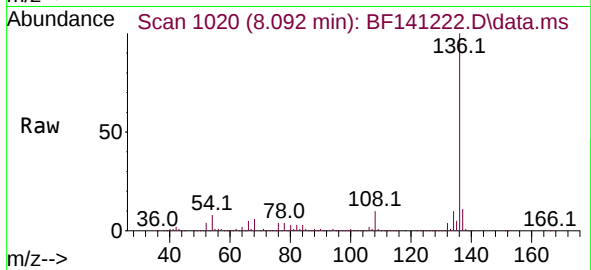


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:136 Resp: 752267

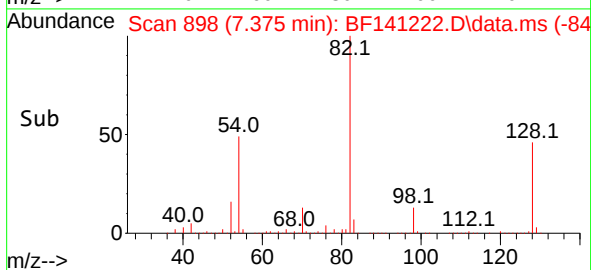
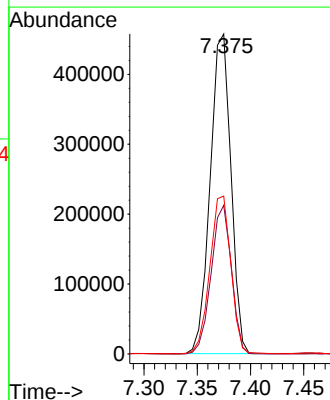
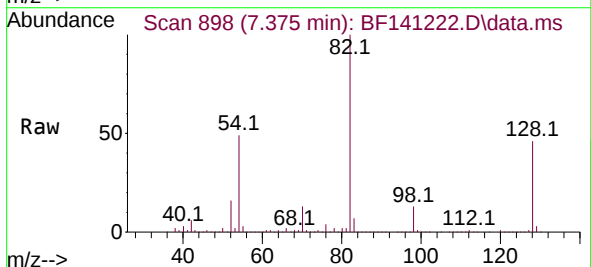
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.3	9.5
68	5.8	4.9	7.3

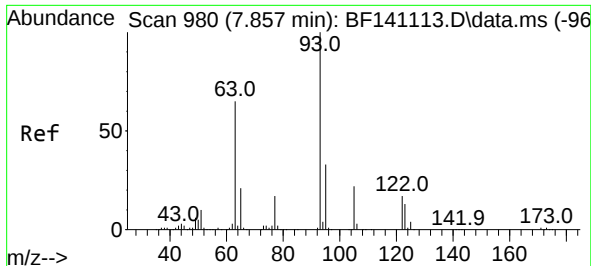


#23
Nitrobenzene-d5
Concen: 43.714 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion: 82 Resp: 620361

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	49.3	41.0	61.4

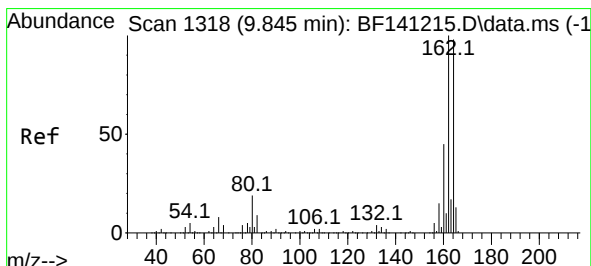
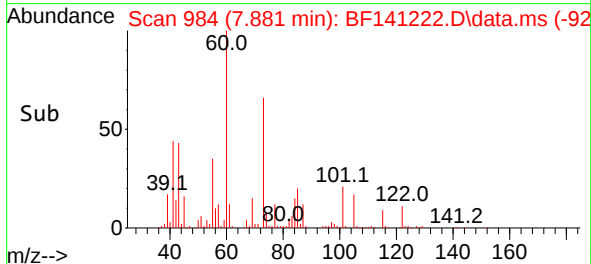
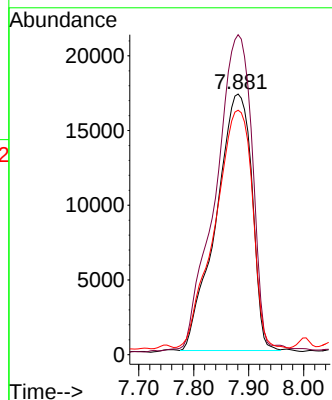
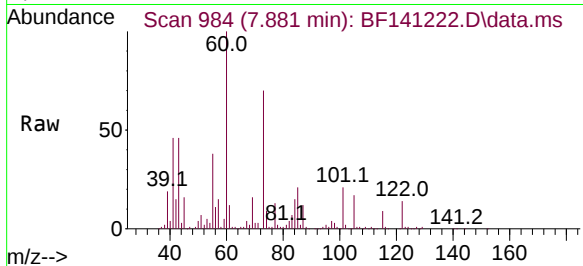




#32
Benzoic acid
Concen: 8.960 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.024 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

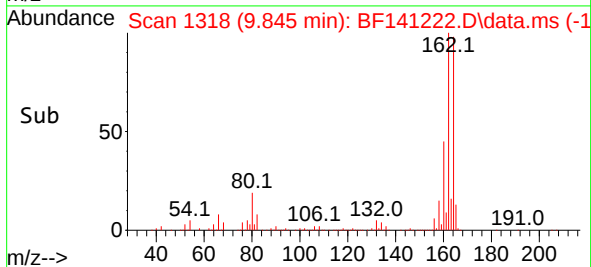
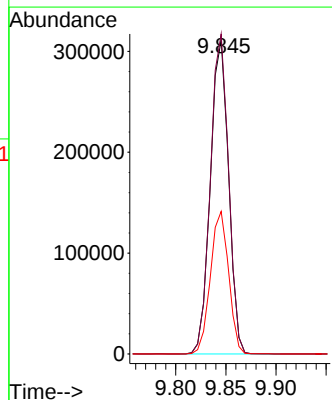
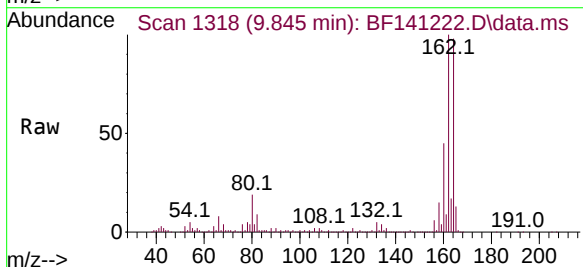
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

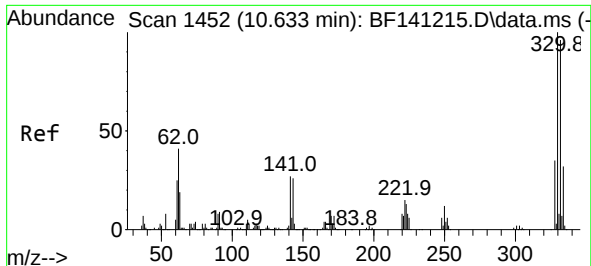
Tgt Ion:122 Resp: 78001
Ion Ratio Lower Upper
122 100
105 122.7 105.5 145.5
77 93.8 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:164 Resp: 393863
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 45.4 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 72.940 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF141222.D

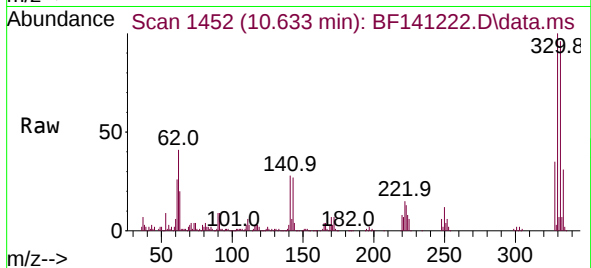
Acq: 20 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

FILTER CAKEDL



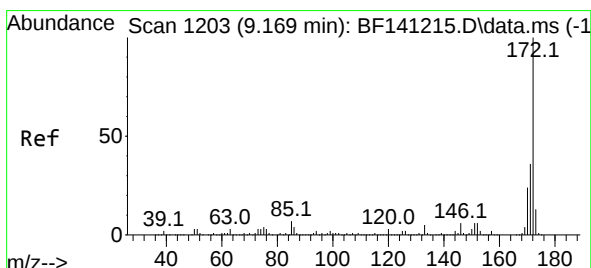
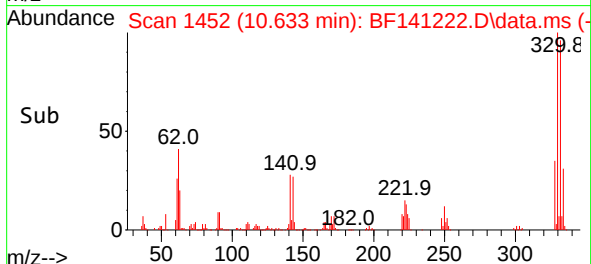
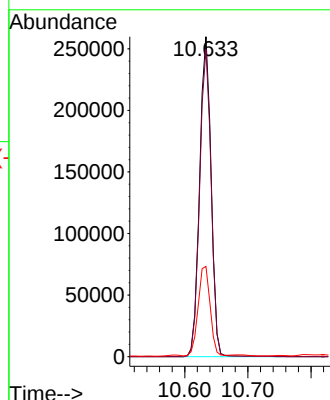
Tgt Ion:330 Resp: 327339

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

141 29.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 41.597 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

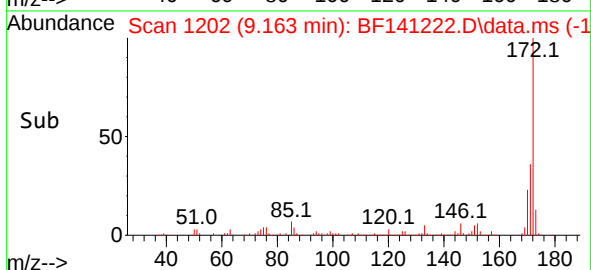
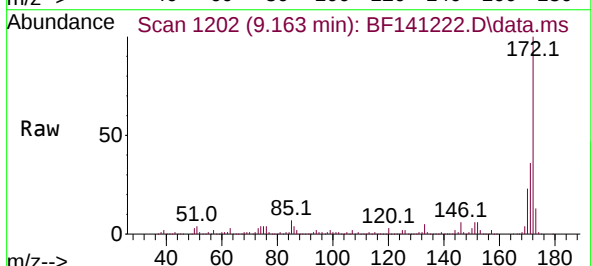
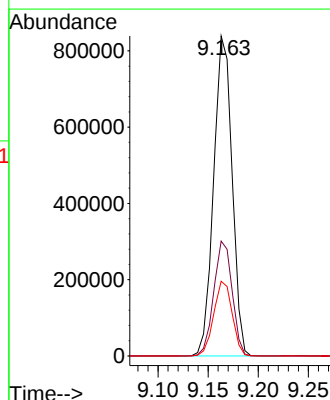
Tgt Ion:172 Resp: 1072881

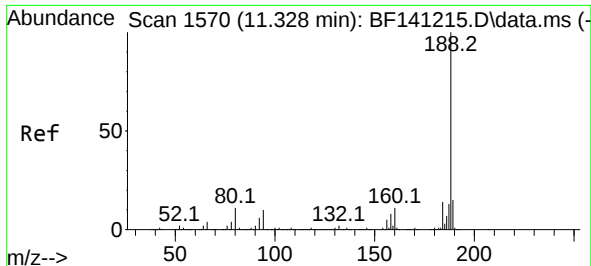
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.4 19.0 28.6

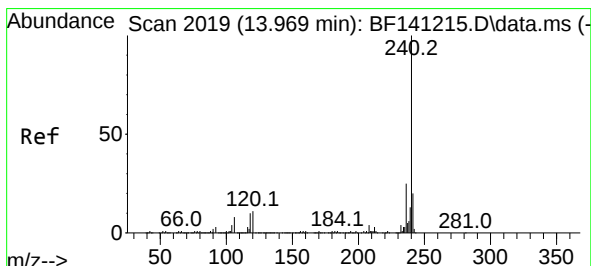
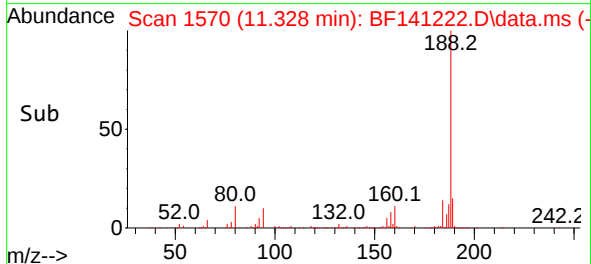
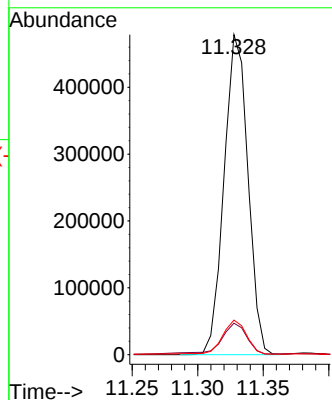
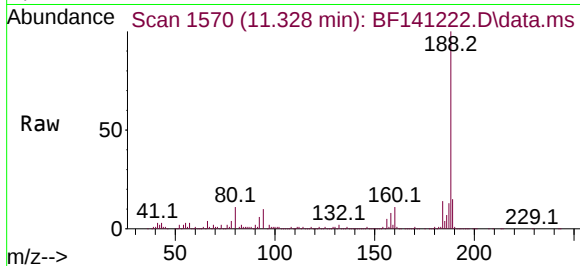




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

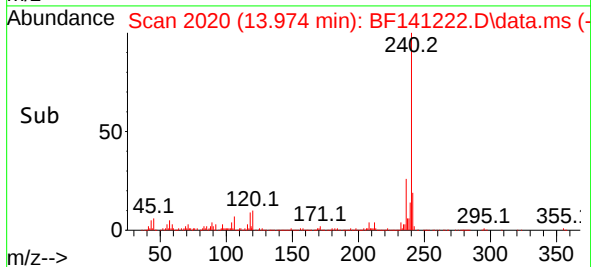
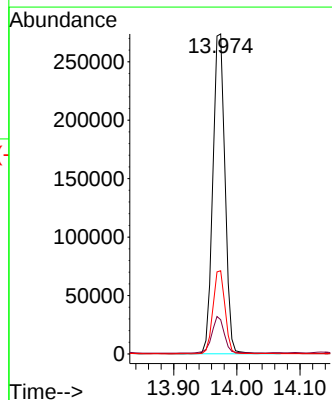
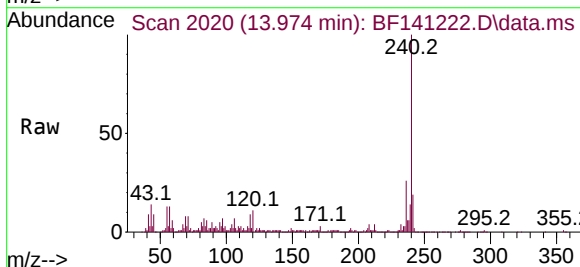
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

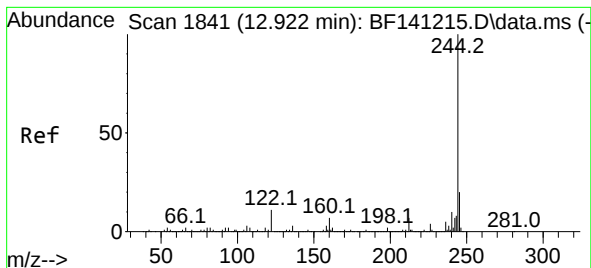
Tgt Ion:188 Resp: 605223
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.8 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:240 Resp: 364877
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 26.0 19.8 29.6





#79

Terphenyl-d14

Concen: 27.400 ng

RT: 12.922 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

FILTER CAKEDL

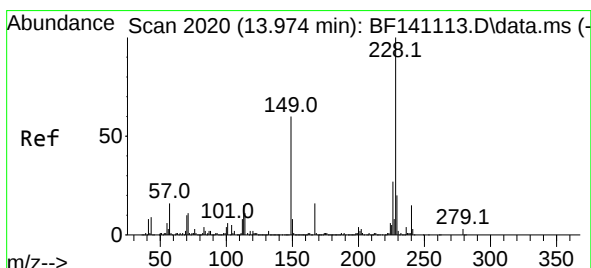
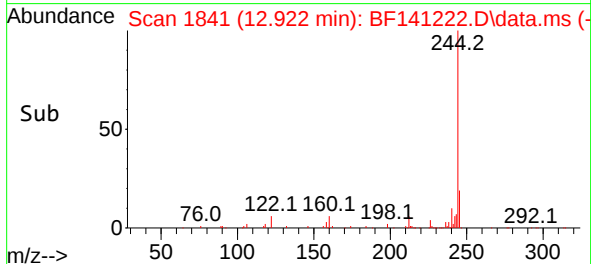
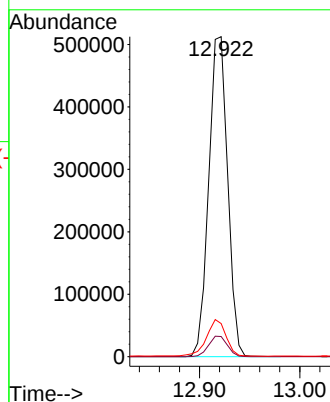
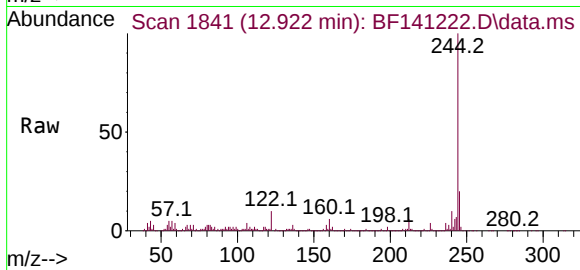
Tgt Ion:244 Resp: 672655

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 10.4 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.291 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

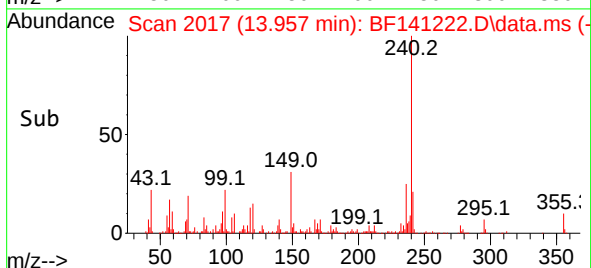
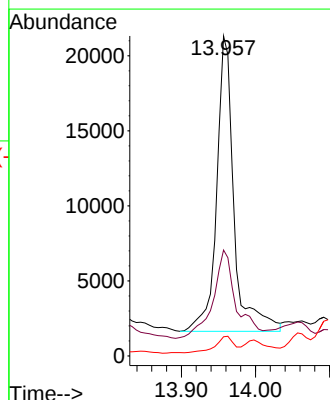
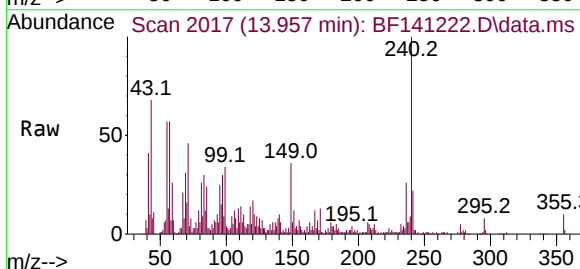
Tgt Ion:149 Resp: 31946

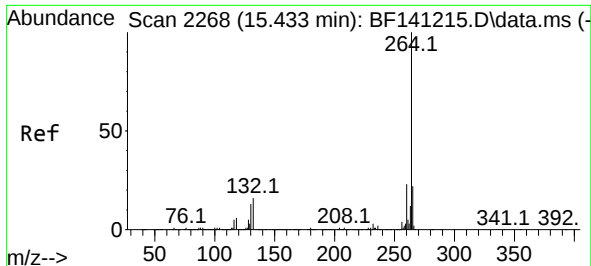
Ion Ratio Lower Upper

149 100

167 33.1 21.4 32.2#

279 6.0 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: BF141222.D
 Acq: 20 Jan 2025 15:05

Instrument :
 BNA_F
 ClientSampleId :
 FILTER CAKEDL

Tgt Ion:264 Resp: 398892
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.5 17.4 26.0

