

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129628.D
 Acq On : 08 Aug 2022 11:56
 Operator : CG\JU
 Sample : PB146618BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146618BL

Quant Time: Aug 08 14:37:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

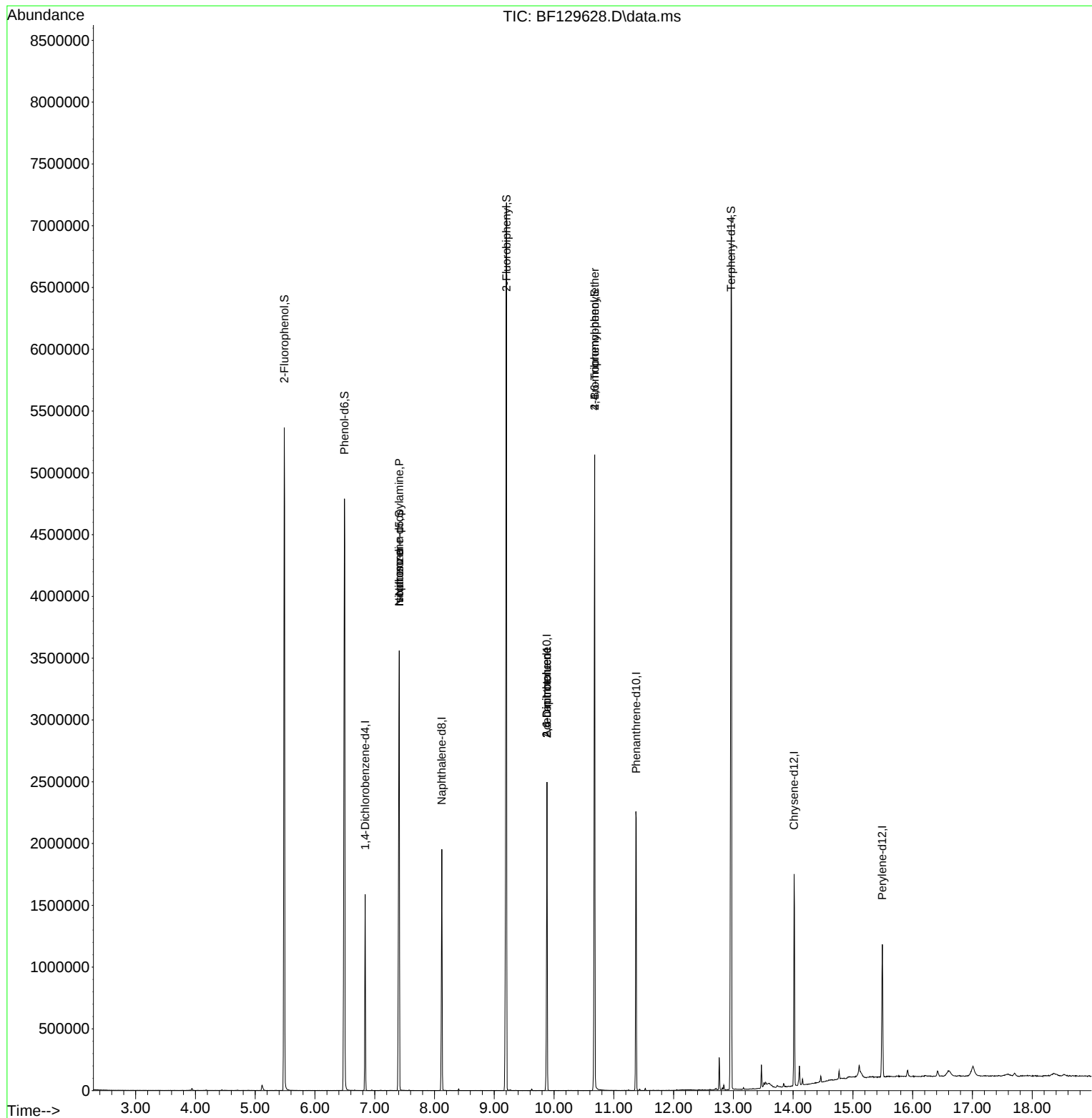
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	210745	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	878272	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	487363	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	838148	20.000	ng	0.00
76) Chrysene-d12	14.016	240	569293	20.000	ng	-0.01
86) Perylene-d12	15.492	264	445525	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1633081	126.232	ng	0.00
7) Phenol-d6	6.493	99	2067434	127.139	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1382005	85.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	622983	132.956	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2527801	80.235	ng	0.00
79) Terphenyl-d14	12.963	244	2951320	97.804	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	185911	18.885	ng	# 73
25) Isophorone	7.410	82	1374691	47.667	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	61943	8.226	ng	# 25
57) 2,4-Dinitrotoluene	9.881	165	61943	6.297	ng	# 21
67) 4-Bromophenyl-phenylether	10.681	248	38786	4.226	ng	# 1

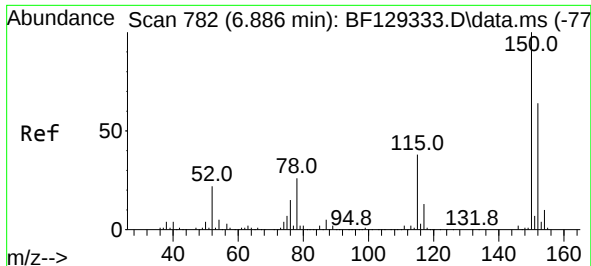
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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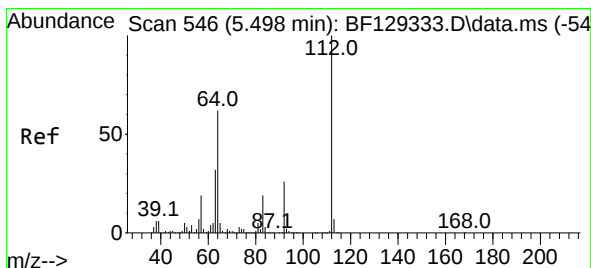
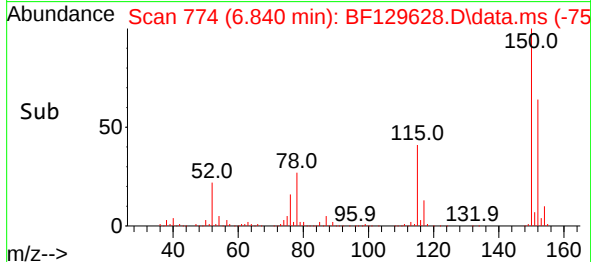
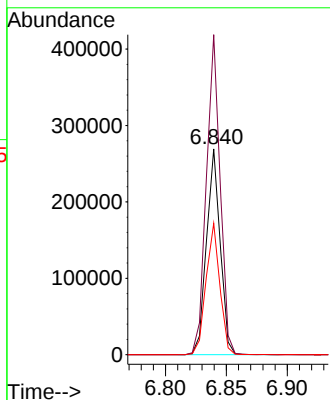
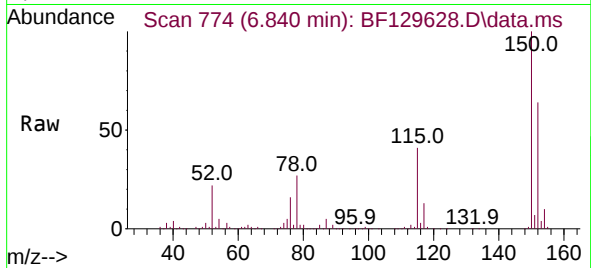




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

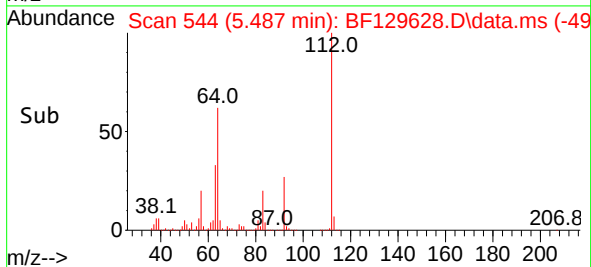
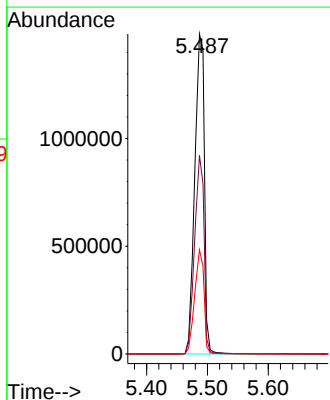
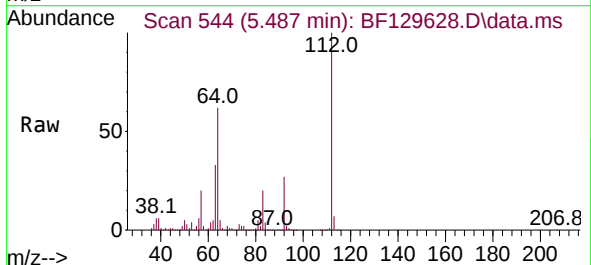
Instrument :
BNA_F
ClientSampleId :
PB146618BL

Tgt Ion:152 Resp: 210745
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 126.232 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

Tgt Ion:112 Resp: 1633081
Ion Ratio Lower Upper
112 100
64 62.0 53.3 79.9
63 32.6 28.0 42.0

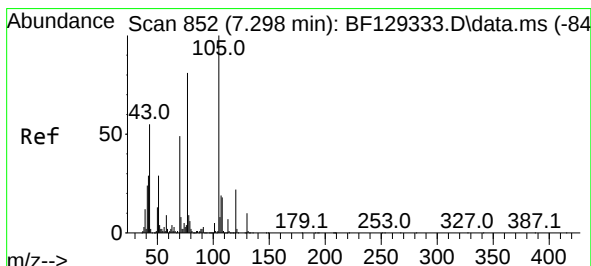
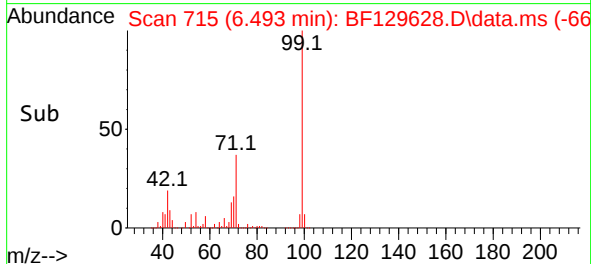
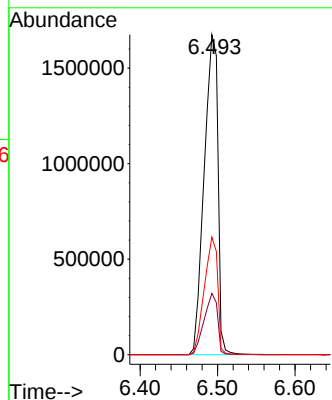
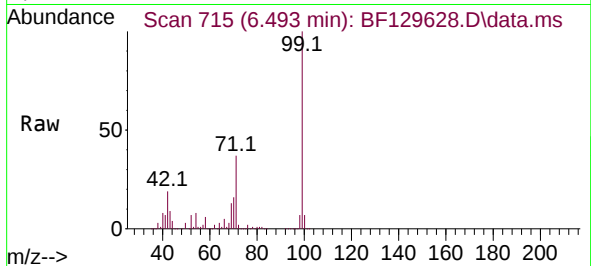




#7
Phenol-d6
Concen: 127.139 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

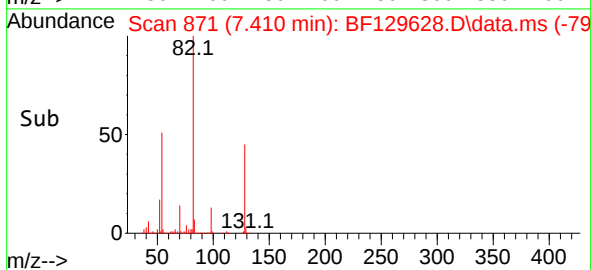
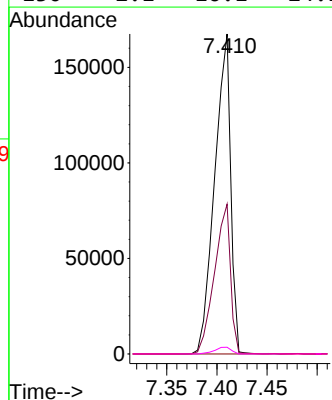
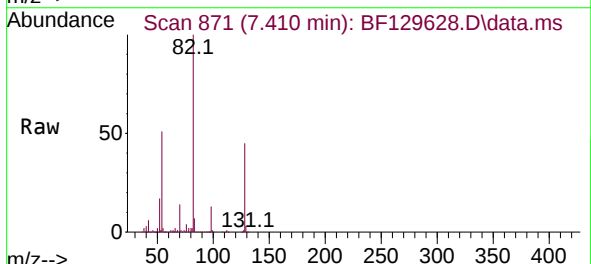
Instrument :
BNA_F
ClientSampleId :
PB146618BL

Tgt Ion: 99 Resp: 2067434
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 36.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.885 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

Tgt Ion: 70 Resp: 185911
Ion Ratio Lower Upper
70 100
42 46.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



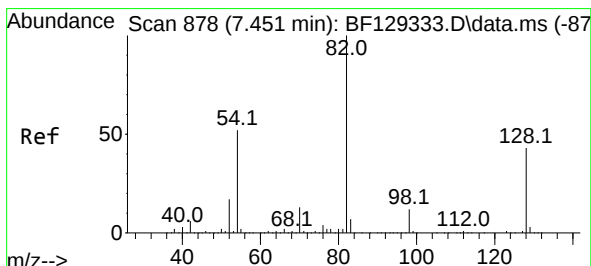
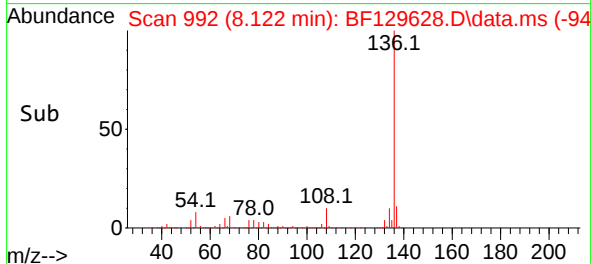
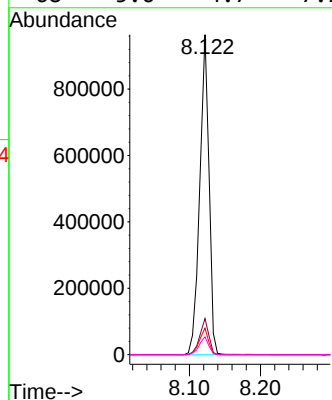
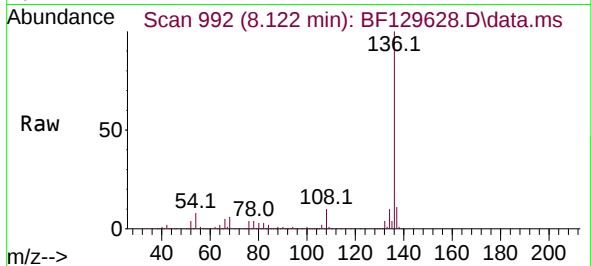


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

Instrument :
BNA_F
ClientSampleId :
PB146618BL

Tgt Ion:136 Resp: 878272

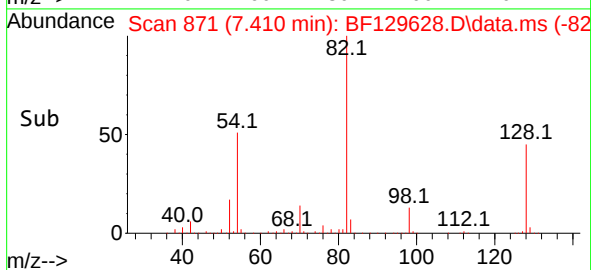
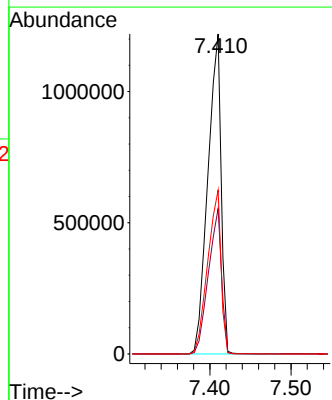
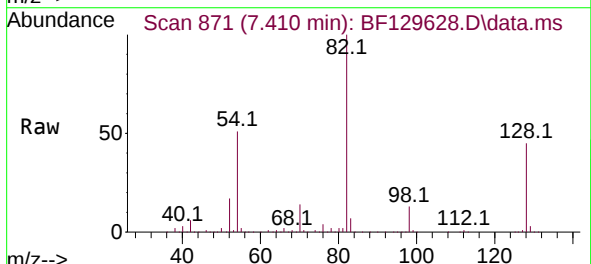
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.3	7.5	11.3
68	5.6	4.7	7.1

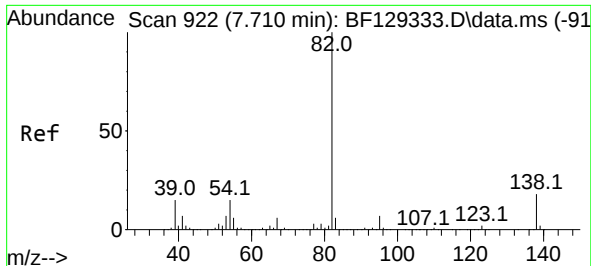


#23
Nitrobenzene-d5
Concen: 85.898 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

Tgt Ion: 82 Resp: 1382005

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	51.2	46.9	70.3

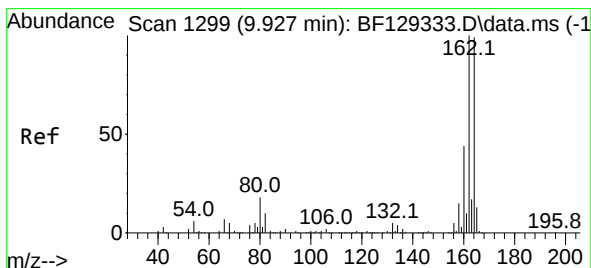
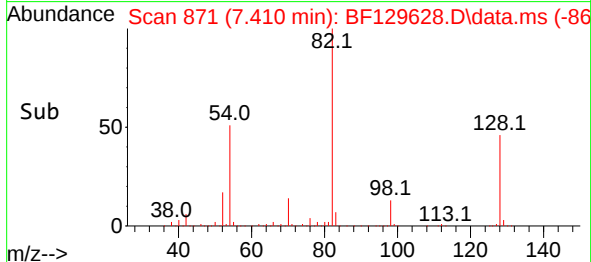
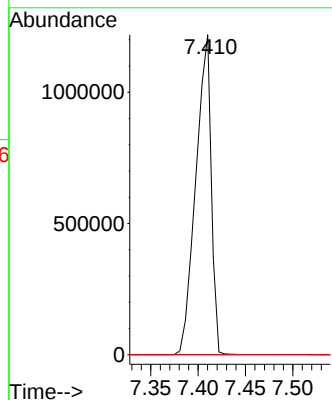
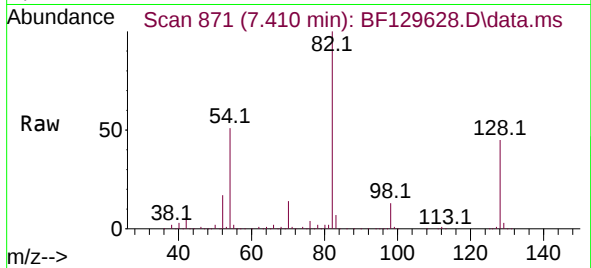




#25
Isophorone
Concen: 47.667 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

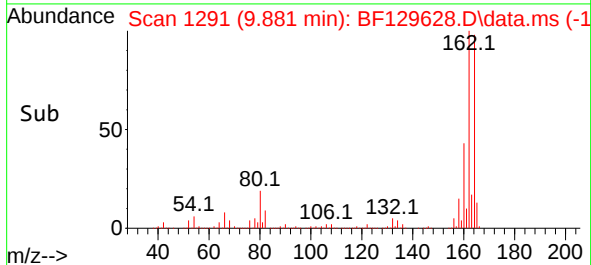
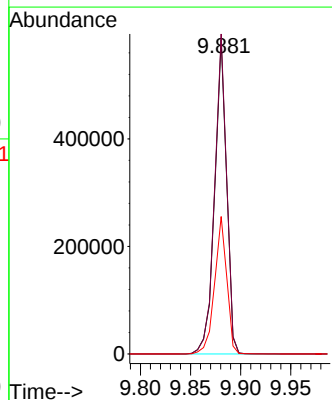
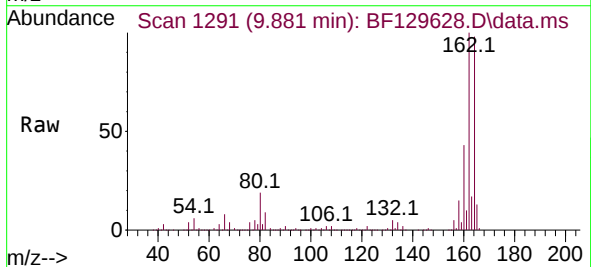
Instrument :
BNA_F
ClientSampleId :
PB146618BL

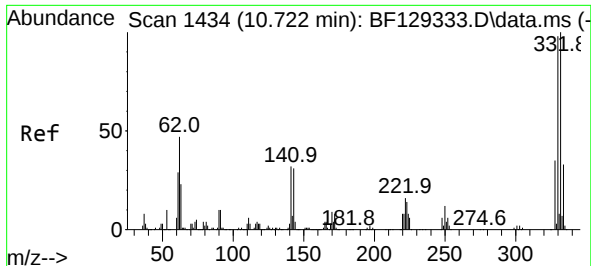
Tgt Ion: 82 Resp: 1374691
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

Tgt Ion: 164 Resp: 487363
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 43.7 34.2 51.4

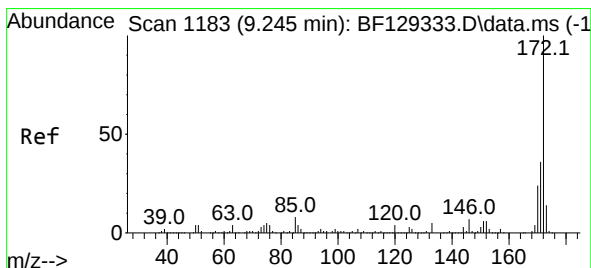
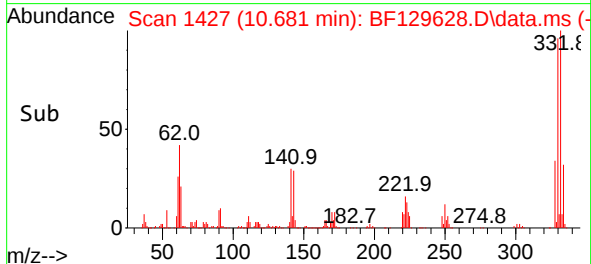
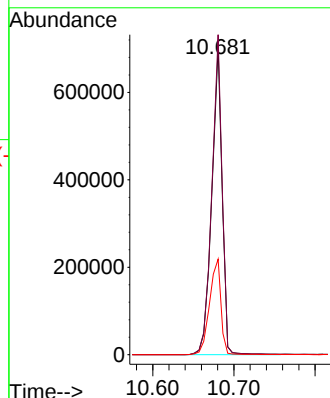
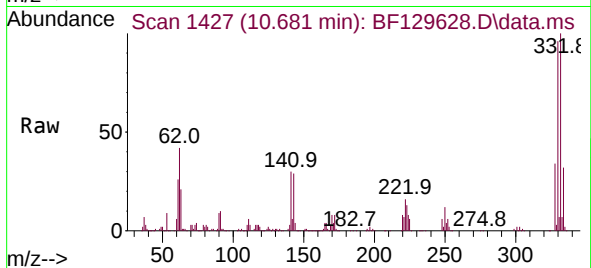




#42
2,4,6-Tribromophenol
Concen: 132.956 ng
RT: 10.681 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

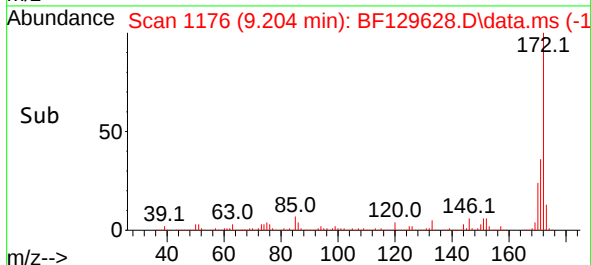
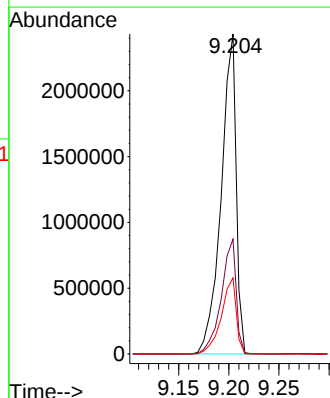
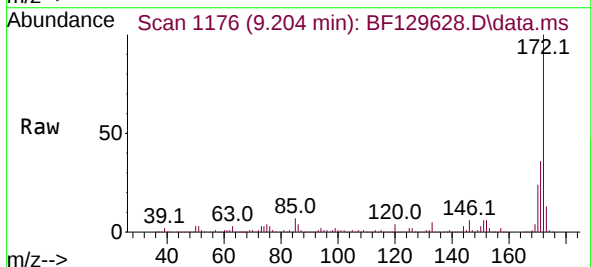
Instrument :
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PB146618BL

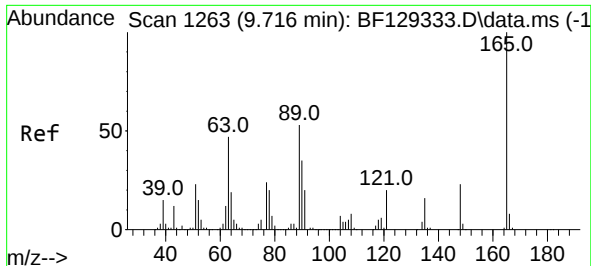
Tgt Ion:330 Resp: 622983
Ion Ratio Lower Upper
330 100
332 103.6 76.8 115.2
141 34.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 80.235 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

Tgt Ion:172 Resp: 2527801
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.226 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB146618BL

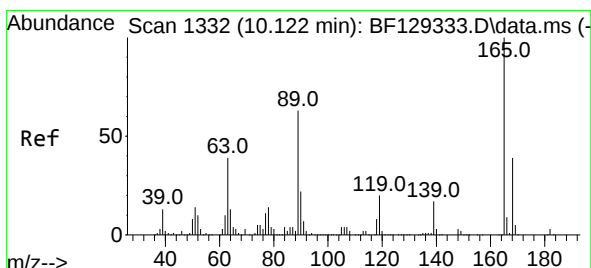
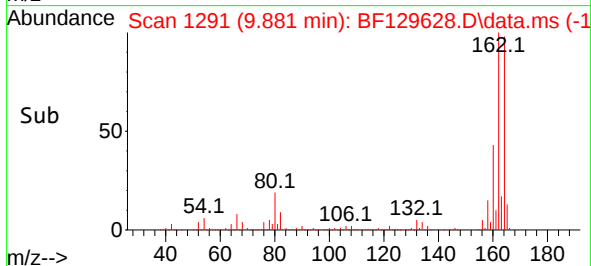
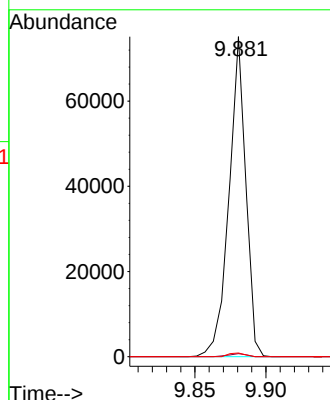
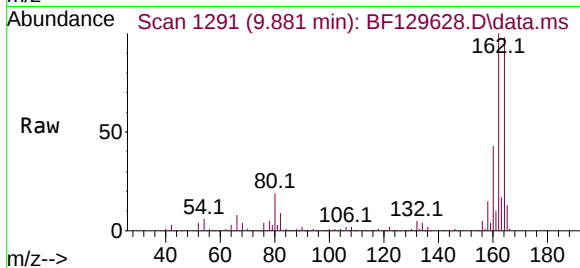
Tgt Ion:165 Resp: 61943

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.297 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

Tgt Ion:165 Resp: 61943

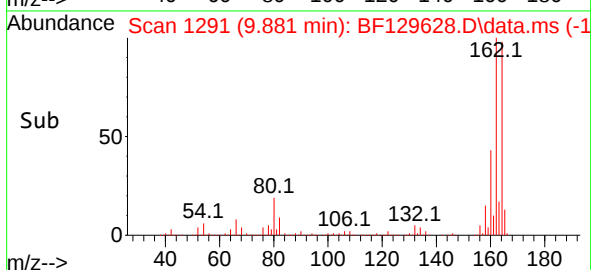
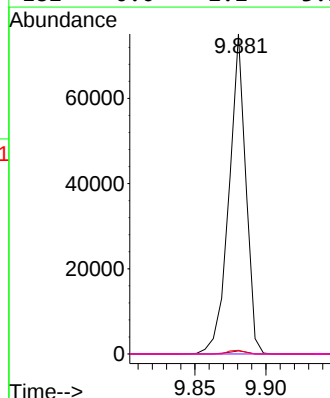
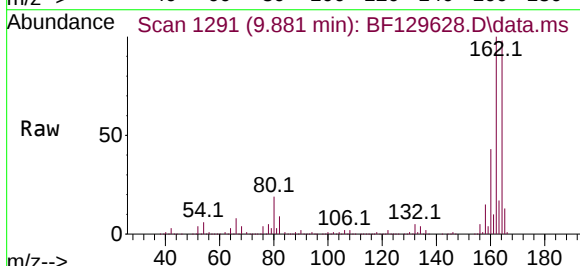
Ion Ratio Lower Upper

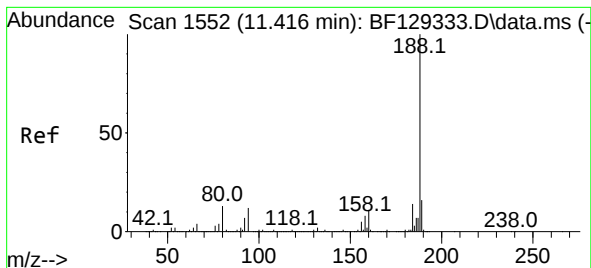
165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

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PB146618BL

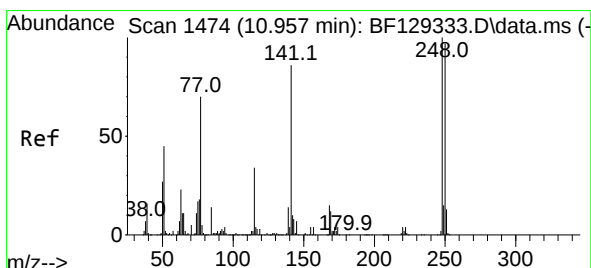
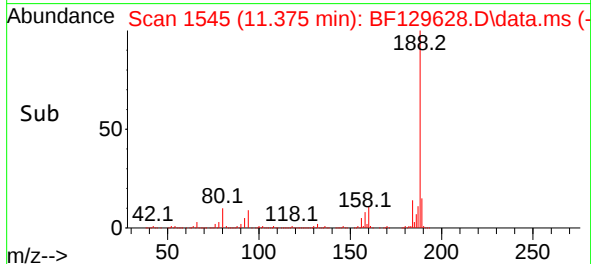
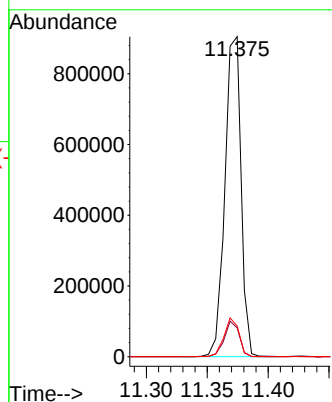
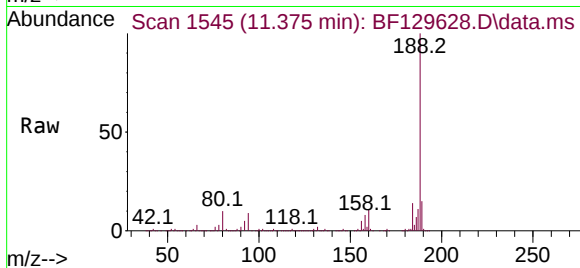
Tgt Ion:188 Resp: 838148

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.226 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.241 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

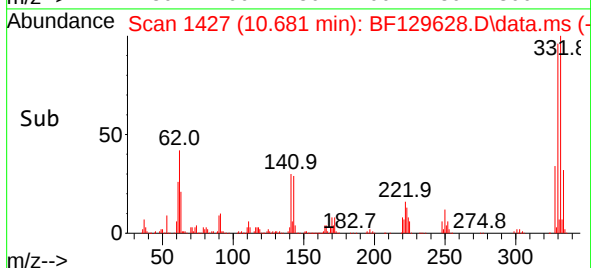
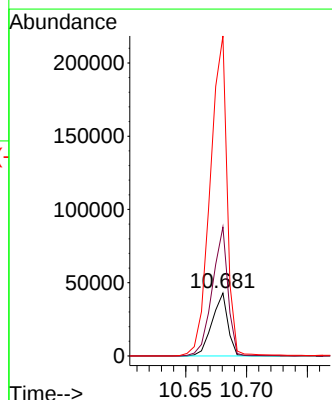
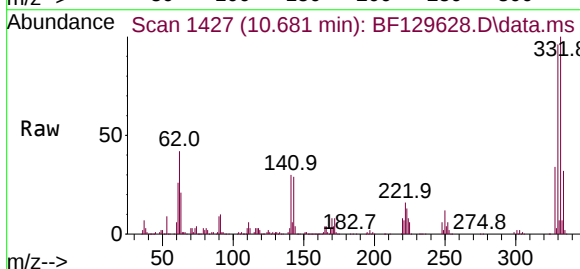
Tgt Ion:248 Resp: 38786

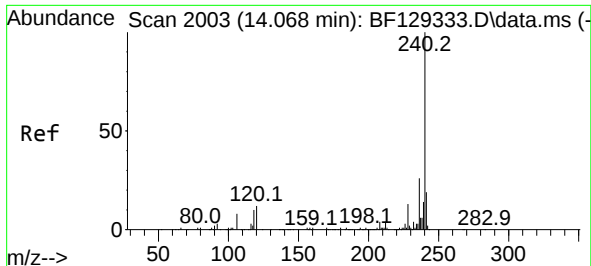
Ion Ratio Lower Upper

248 100

250 205.4 80.6 120.8#

141 509.4 58.9 88.3#

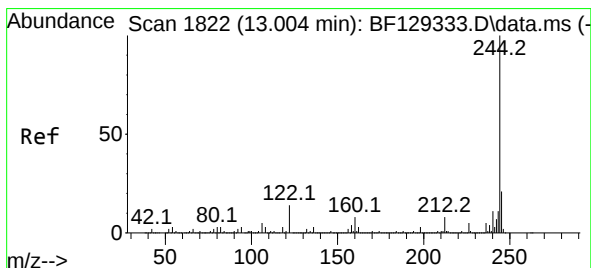
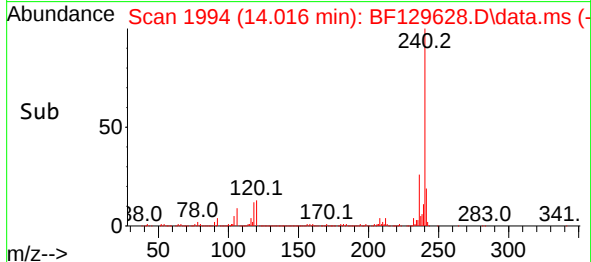
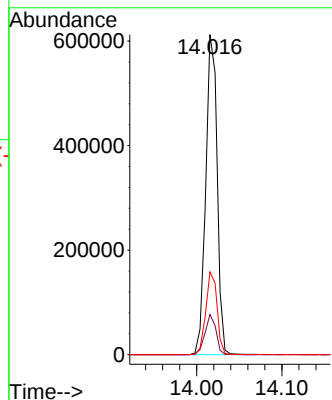
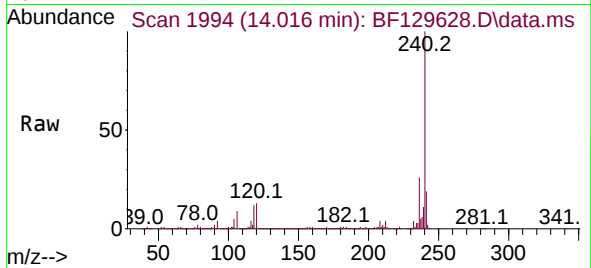




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

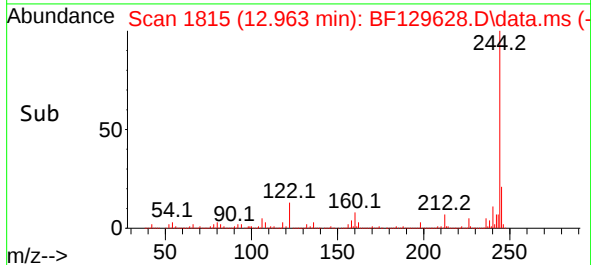
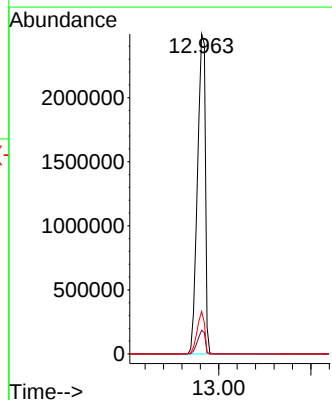
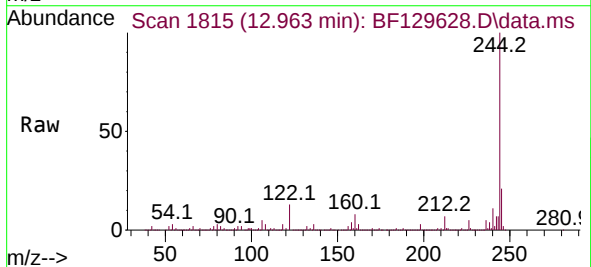
Instrument :
BNA_F
ClientSampleId :
PB146618BL

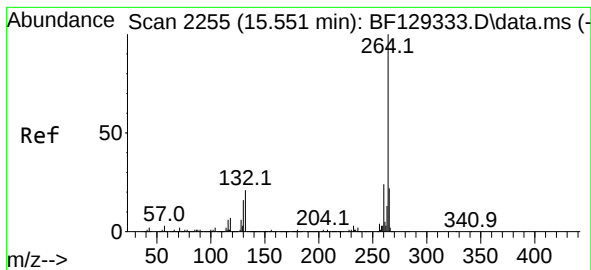
Tgt Ion:240 Resp: 569293
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 97.804 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129628.D
Acq: 08 Aug 2022 11:56

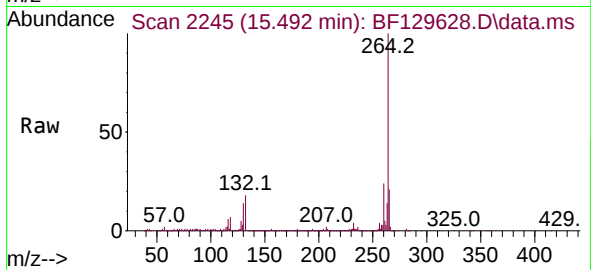
Tgt Ion:244 Resp: 2951320
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.3 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129628.D
 Acq: 08 Aug 2022 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB146618BL



Tgt Ion:264 Resp: 445525
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.3 17.2 25.8

