

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126439.D
 Acq On : 31 Dec 2021 1:47
 Operator : JU/CG
 Sample : M5244-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-5A

Quant Time: Dec 31 05:38:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

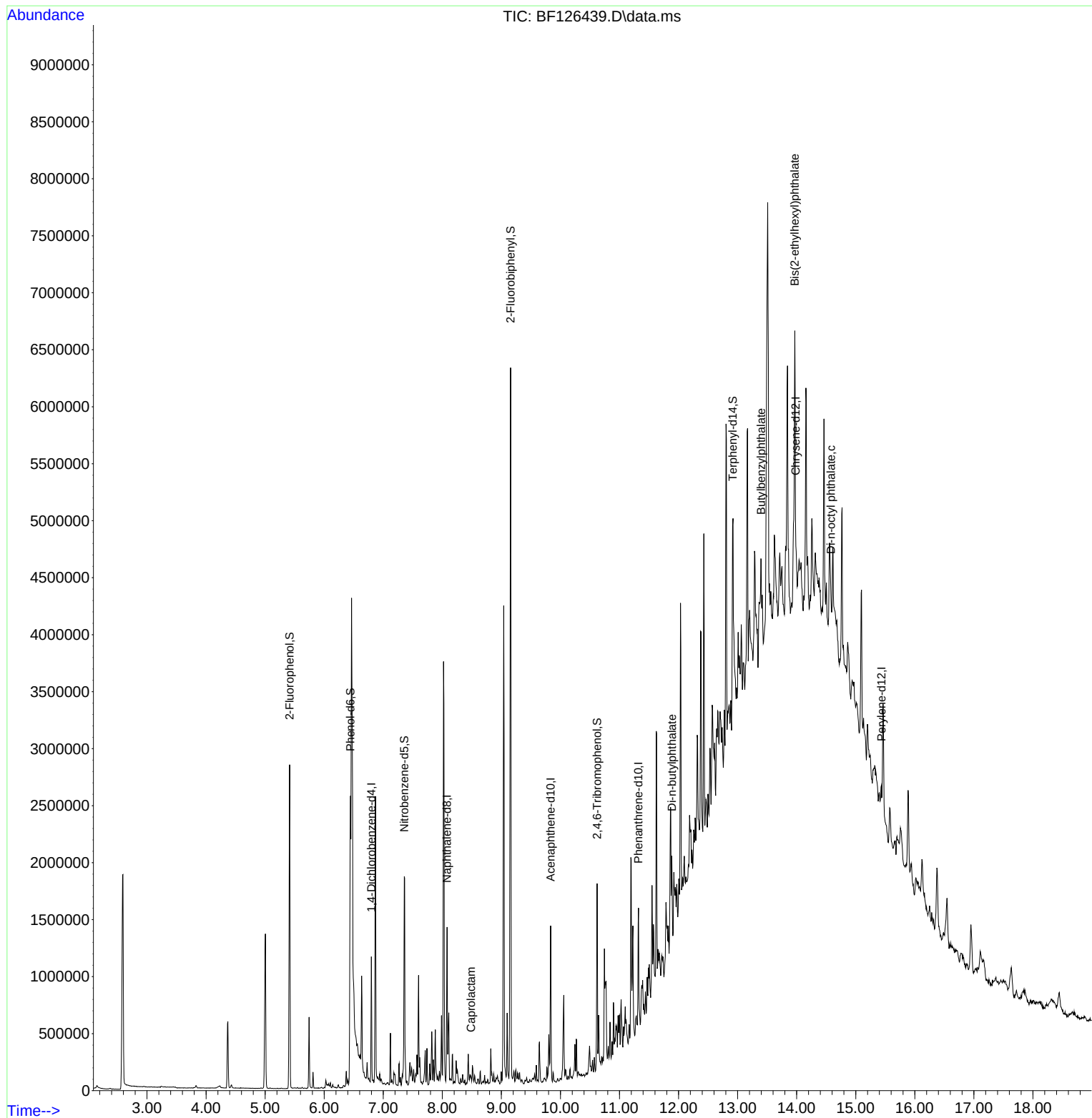
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	138389	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	534197	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	238766	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	403803	20.000	ng	0.00
76) Chrysene-d12	13.980	240	146267	20.000	ng	0.02
86) Perylene-d12	15.433	264	145188	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	844562	87.640	ng	0.01
7) Phenol-d6	6.445	99	968003	77.555	ng	0.02
23) Nitrobenzene-d5	7.357	82	638207	61.343	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	185557	100.570	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	616139	45.410	ng	0.00
79) Terphenyl-d14	12.915	244	660540	87.743	ng	0.01
Target Compounds						
					Qvalue	
35) Caprolactam	8.486	113	5554	3.313	ng	# 75
74) Di-n-butylphthalate	11.886	149	161186	6.999	ng	98
80) Butylbenzylphthalate	13.398	149	198870	36.308	ng	93
84) Bis(2-ethylhexyl)phtha...	13.968	149	1021640	179.979	ng	# 100
85) Di-n-octyl phthalate	14.580	149	87675	8.906	ng	# 70

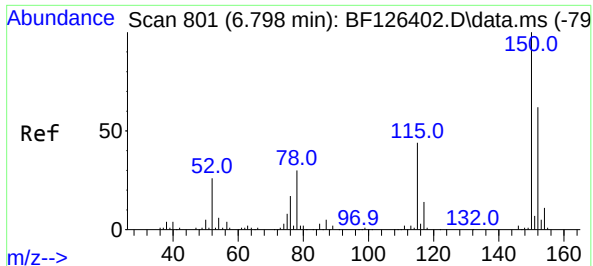
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

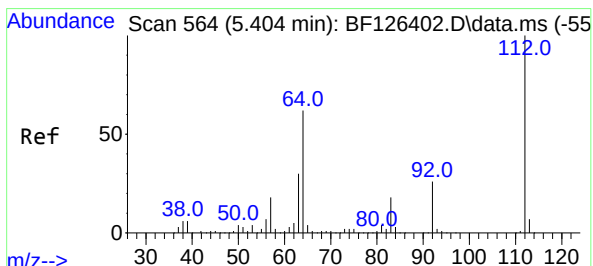
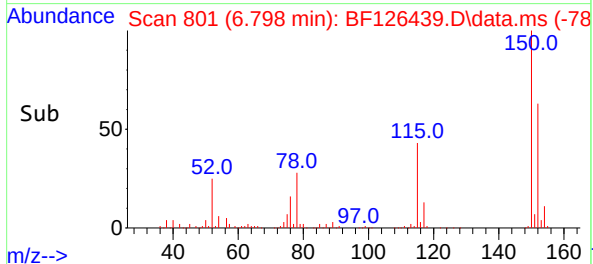
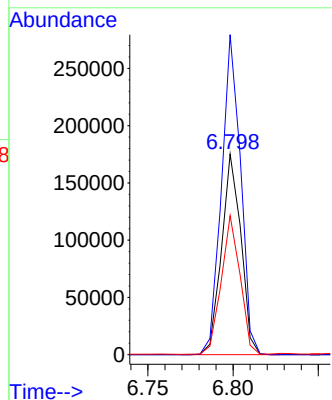
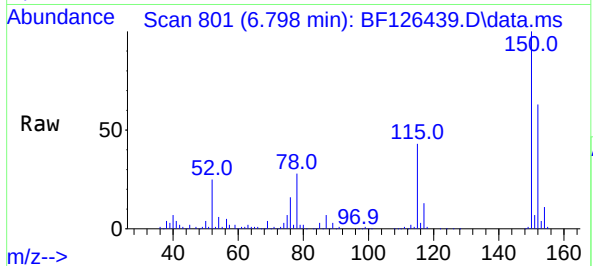




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

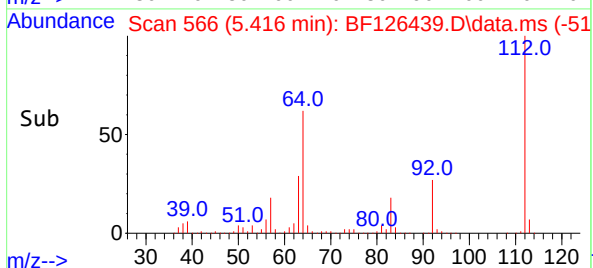
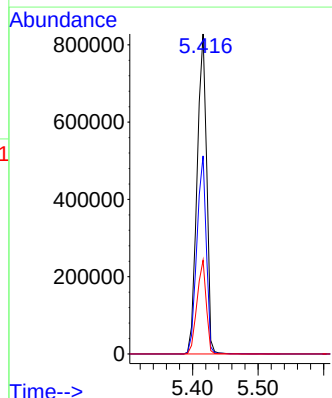
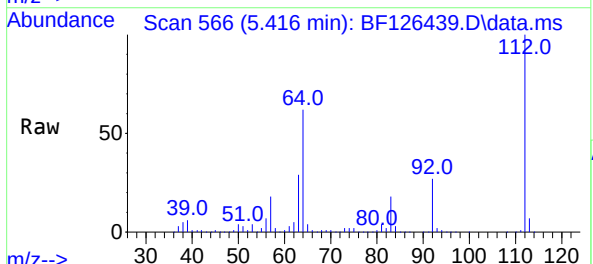
Instrument :
BNA_F
ClientSampleId :
CONC-5A

Tgt Ion:152 Resp: 138389
Ion Ratio Lower Upper
152 100
150 159.4 128.1 192.1
115 69.3 56.7 85.1

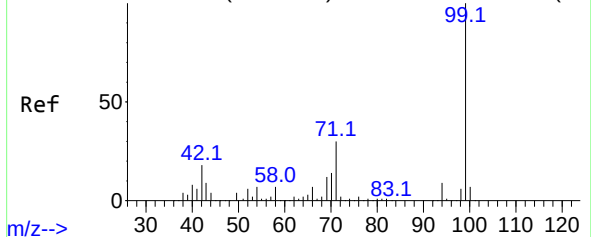


#5
2-Fluorophenol
Concen: 87.640 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

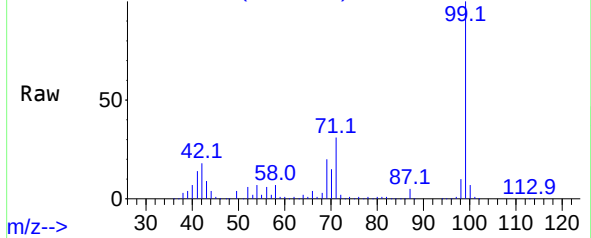
Tgt Ion:112 Resp: 844562
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 29.3 23.9 35.9



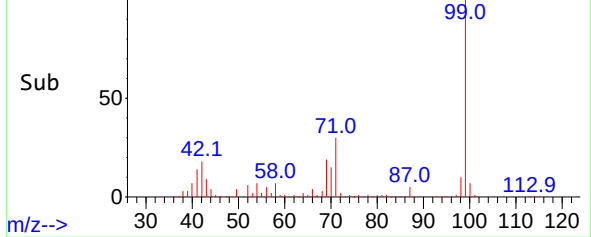
Abundance Scan 738 (6.428 min): BF126402.D\data.ms (-73



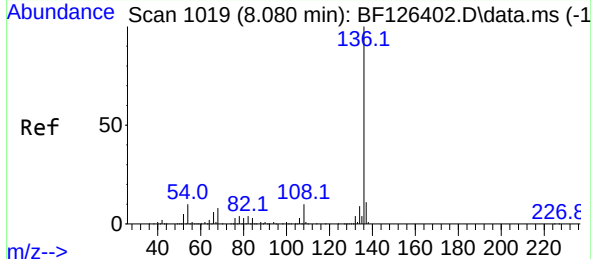
m/z--> Scan 741 (6.445 min): BF126439.D\data.ms



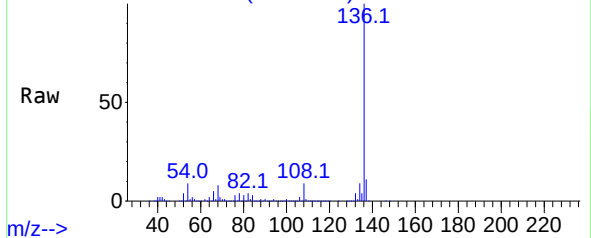
Abundance Scan 741 (6.445 min): BF126439.D\data.ms (-68



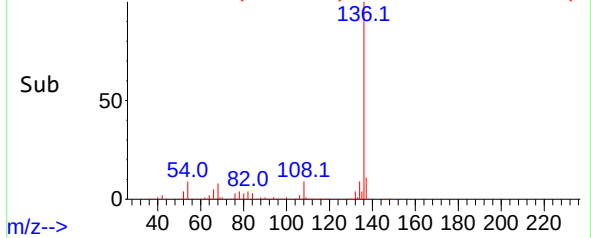
m/z--> Scan 1019 (8.080 min): BF126402.D\data.ms (-1



m/z--> Scan 1019 (8.080 min): BF126439.D\data.ms



Abundance Scan 1019 (8.080 min): BF126439.D\data.ms (-9



m/z--> Time-->

#7

Phenol-d6

Concen: 77.555 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.018 min

Lab File: BF126439.D

Acq: 31 Dec 2021 1:47

Instrument :

BNA_F

ClientSampleId :

CONC-5A

Tgt Ion: 99 Resp: 968003

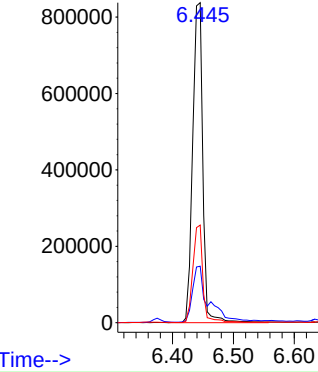
Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.4

71 30.5 24.3 36.5

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.080 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF126439.D

Acq: 31 Dec 2021 1:47

Tgt Ion:136 Resp: 534197

Ion Ratio Lower Upper

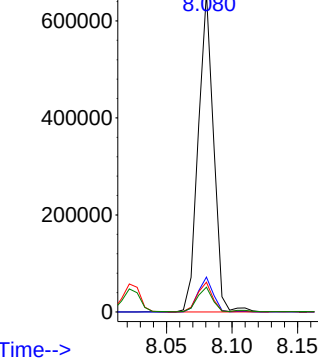
136 100

137 10.9 8.6 13.0

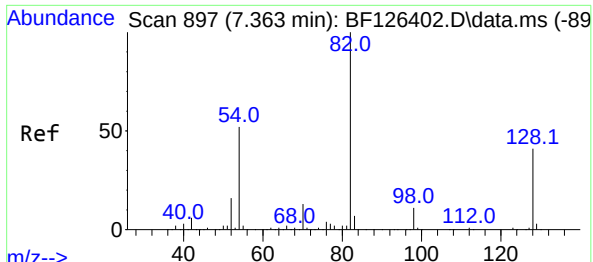
54 9.3 7.8 11.6

68 7.7 6.3 9.5

Abundance



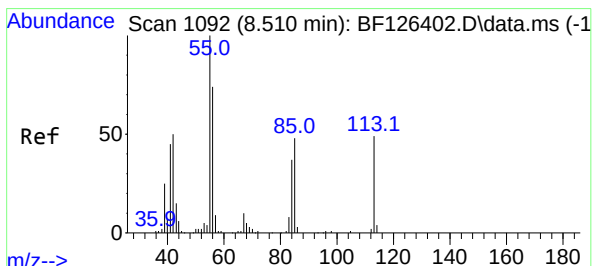
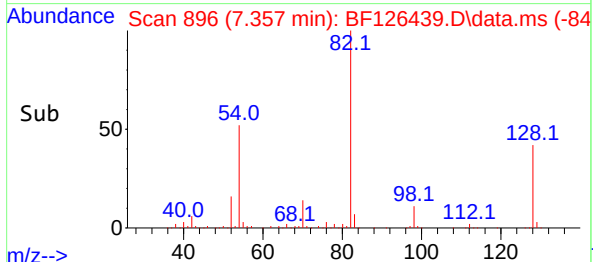
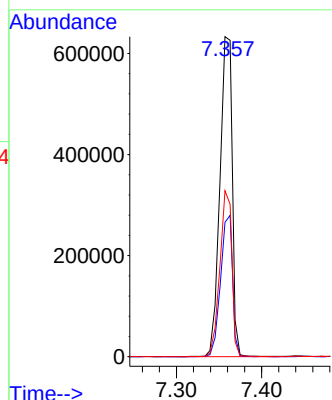
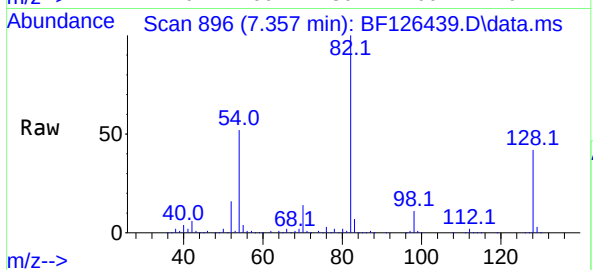
Time-->



#23
Nitrobenzene-d5
Concen: 61.343 ng
RT: 7.357 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

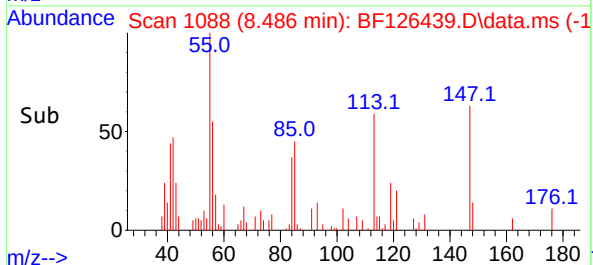
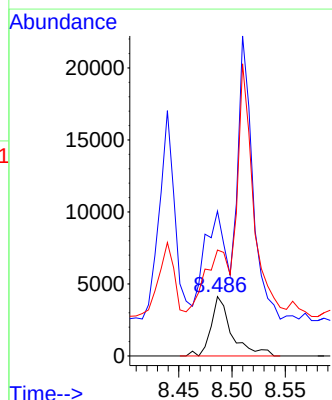
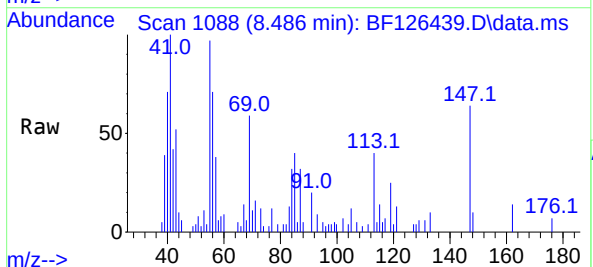
Instrument :
BNA_F
ClientSampleId :
CONC-5A

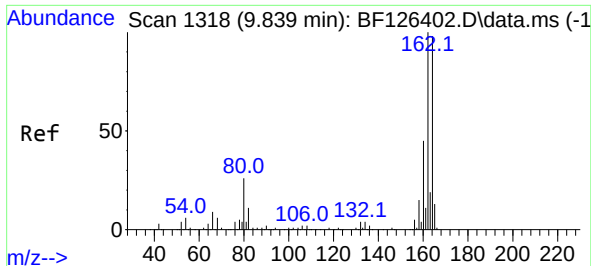
Tgt Ion: 82 Resp: 638207
Ion Ratio Lower Upper
82 100
128 42.0 32.7 49.1
54 51.8 41.7 62.5



#35
Caprolactam
Concen: 3.313 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.024 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

Tgt Ion: 113 Resp: 5554
Ion Ratio Lower Upper
113 100
55 244.0 183.9 223.9#
56 178.6 129.9 169.9#

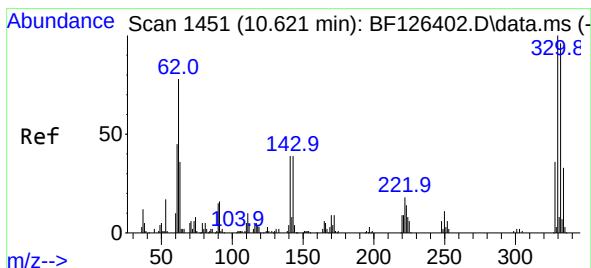
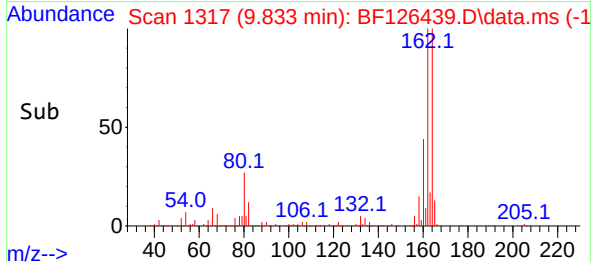
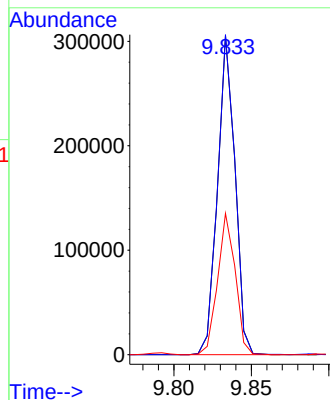
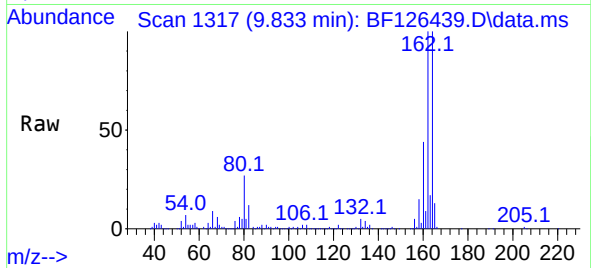




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

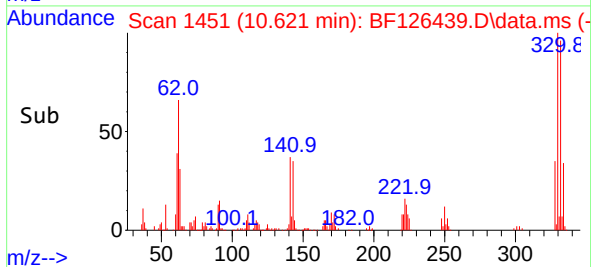
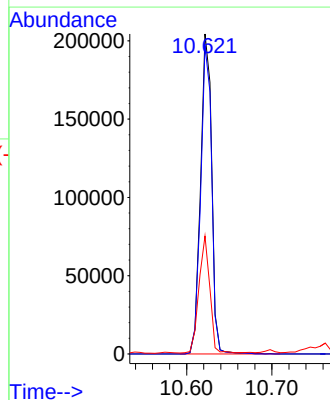
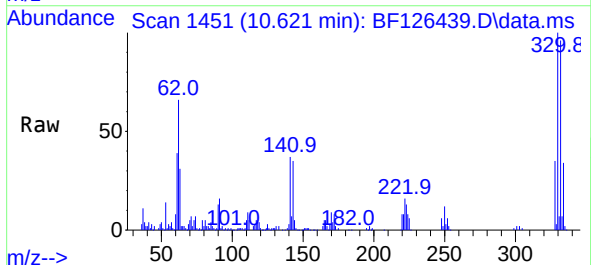
Instrument :
BNA_F
ClientSampleId :
CONC-5A

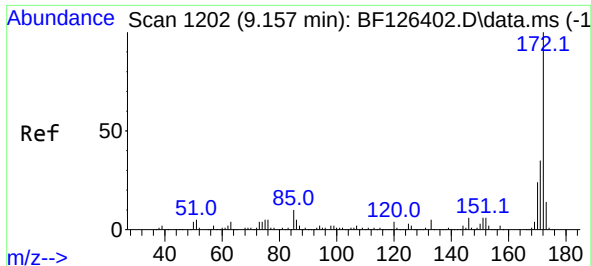
Tgt Ion:164 Resp: 238766
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 100.570 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

Tgt Ion:330 Resp: 185557
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 35.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 45.410 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126439.D

Acq: 31 Dec 2021 1:47

Instrument :

BNA_F

ClientSampleId :

CONC-5A

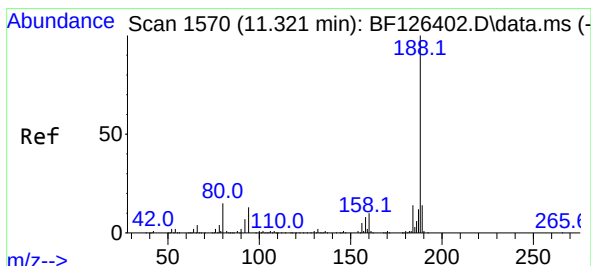
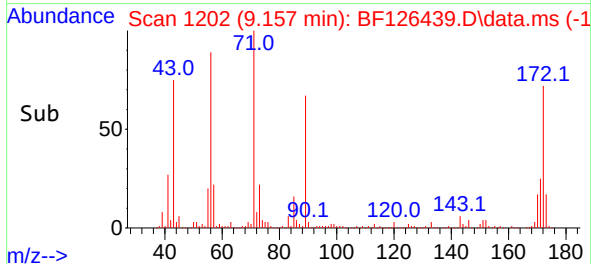
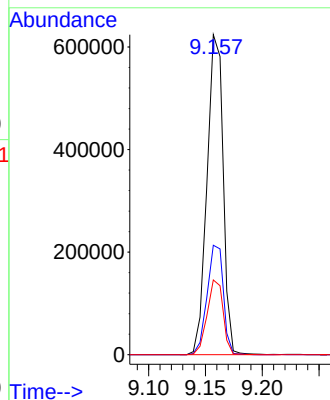
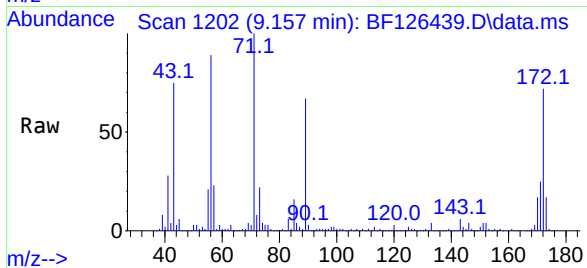
Tgt Ion:172 Resp: 616139

Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 23.4 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF126439.D

Acq: 31 Dec 2021 1:47

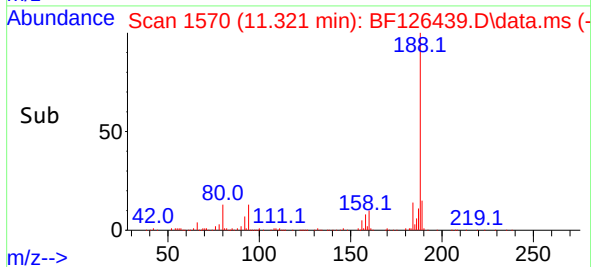
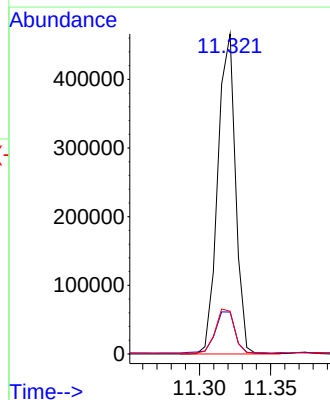
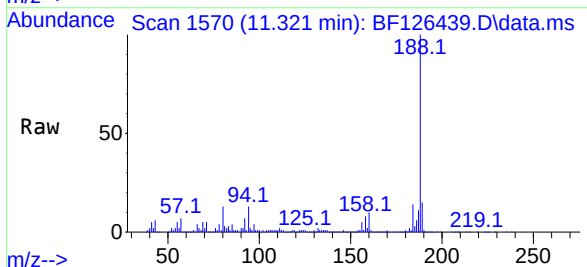
Tgt Ion:188 Resp: 403803

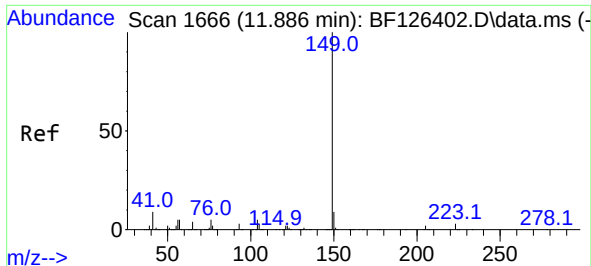
Ion Ratio Lower Upper

188 100

94 13.1 10.1 15.1

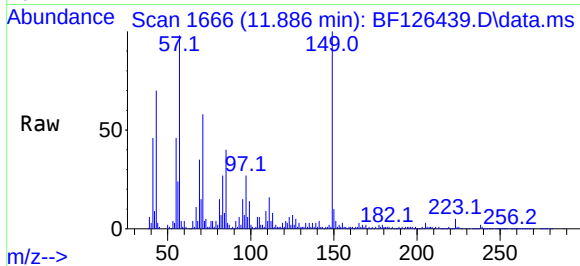
80 13.4 11.8 17.6



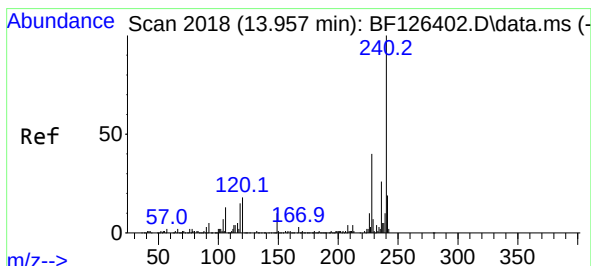
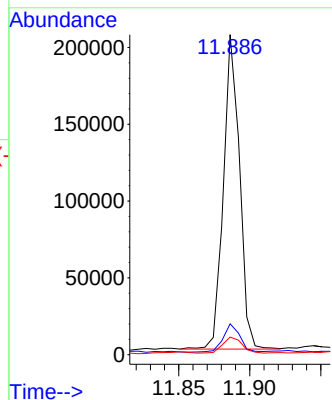
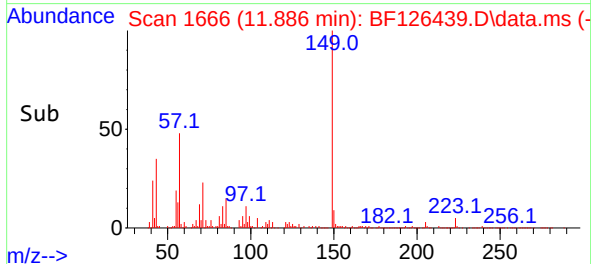


#74
Di-n-butylphthalate
Concen: 6.999 ng
RT: 11.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

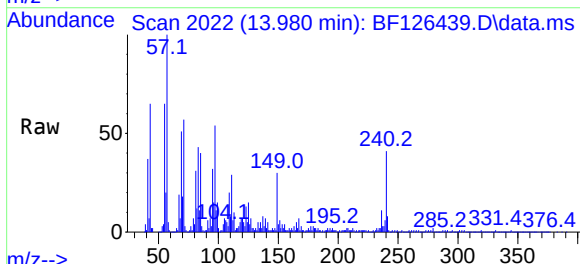
Instrument :
BNA_F
ClientSampleId :
CONC-5A



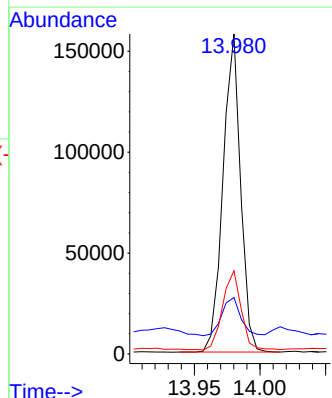
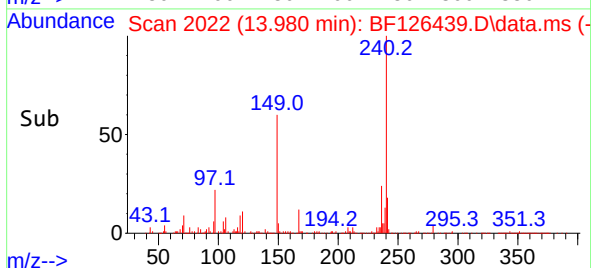
Tgt Ion:149 Resp: 161186
Ion Ratio Lower Upper
149 100
150 9.7 7.2 10.8
104 5.5 4.2 6.2

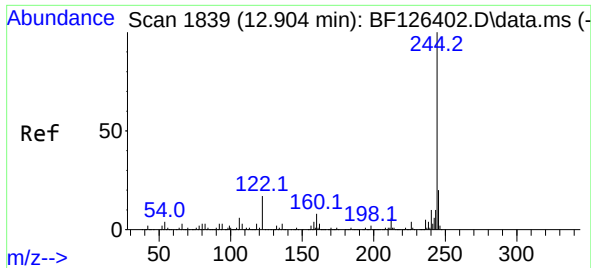


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.024 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47



Tgt Ion:240 Resp: 146267
Ion Ratio Lower Upper
240 100
120 17.7 14.4 21.6
236 26.0 20.5 30.7

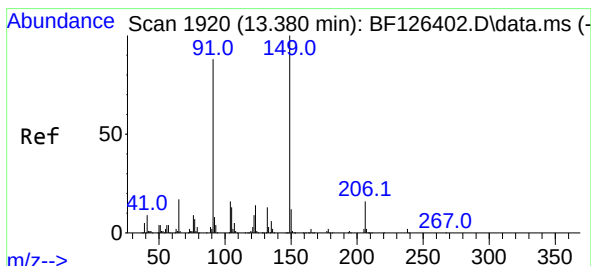
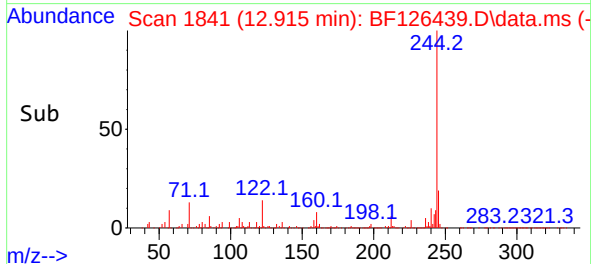
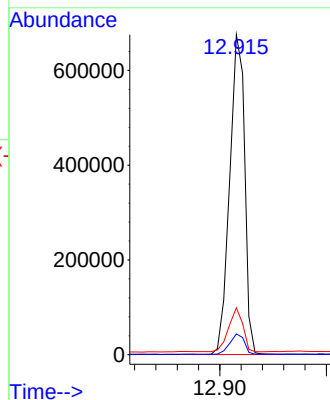
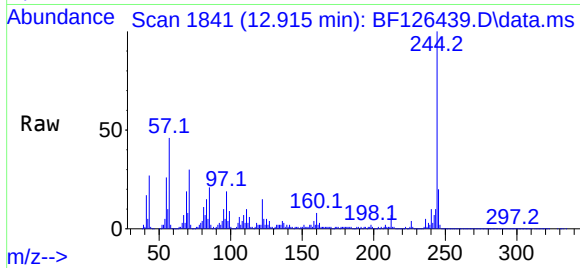




#79
 Terphenyl-d14
 Concen: 87.743 ng
 RT: 12.915 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF126439.D
 Acq: 31 Dec 2021 1:47

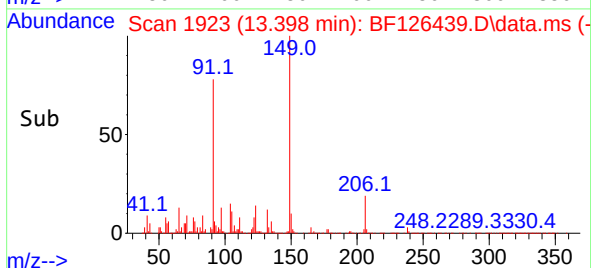
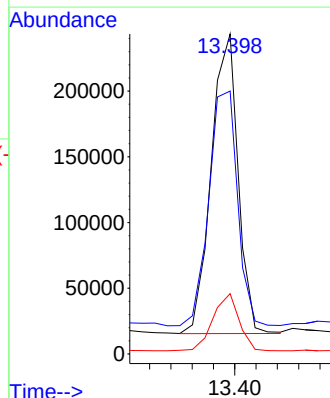
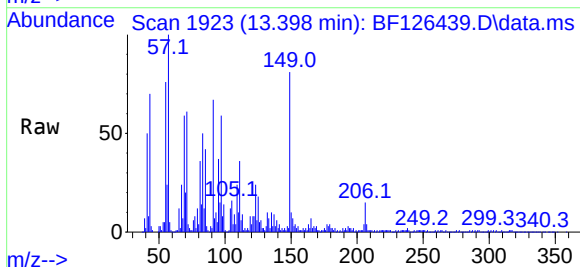
Instrument :
 BNA_F
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 CONC-5A

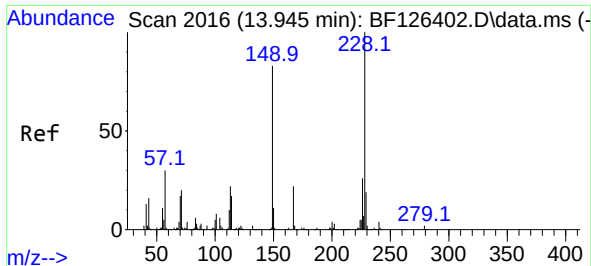
Tgt Ion:244 Resp: 660540
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 14.7 13.3 19.9



#80
 Butylbenzylphthalate
 Concen: 36.308 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. 0.018 min
 Lab File: BF126439.D
 Acq: 31 Dec 2021 1:47

Tgt Ion:149 Resp: 198870
 Ion Ratio Lower Upper
 149 100
 91 82.2 70.5 105.7
 206 18.8 12.6 19.0

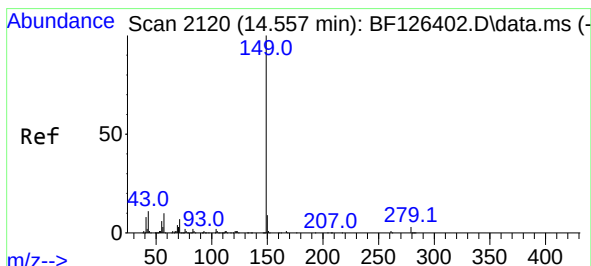
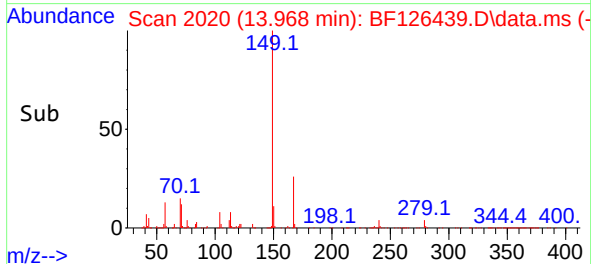
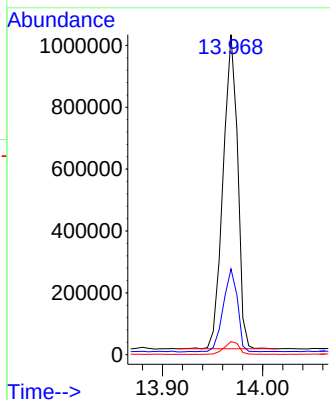
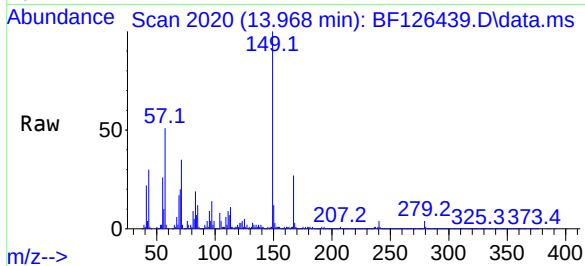




#84
Bis(2-ethylhexyl)phthalate
Concen: 179.979 ng
RT: 13.968 min Scan# 2016
Delta R.T. 0.024 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

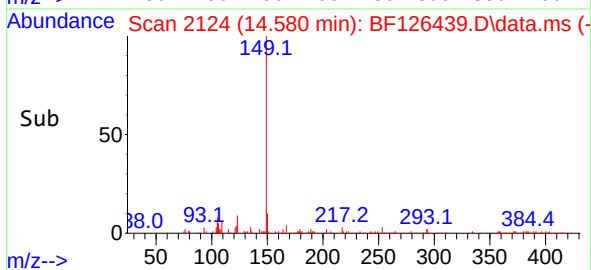
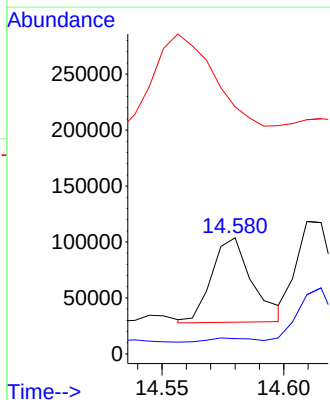
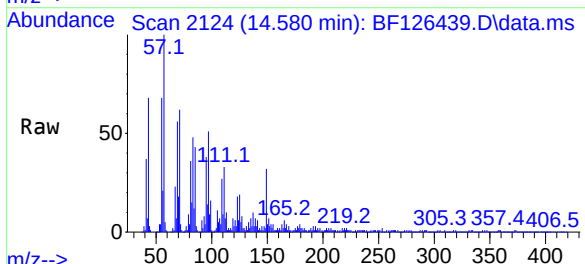
Instrument :
BNA_F
ClientSampleId :
CONC-5A

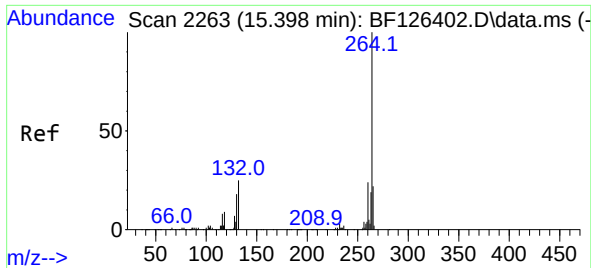
Tgt Ion:149 Resp: 1021640
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.1 2.4 3.6#



#85
Di-n-octyl phthalate
Concen: 8.906 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.024 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

Tgt Ion:149 Resp: 87675
Ion Ratio Lower Upper
149 100
167 6.6 1.1 1.7#
43 0.0 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF126439.D
Acq: 31 Dec 2021 1:47

Instrument :
BNA_F
ClientSampleId :
CONC-5A

Tgt Ion:264 Resp: 145188

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.9	17.4	26.2

