

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126486.D
 Acq On : 5 Jan 2022 00:45
 Operator : JU/CG
 Sample : M5338-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Jan 05 02:03:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

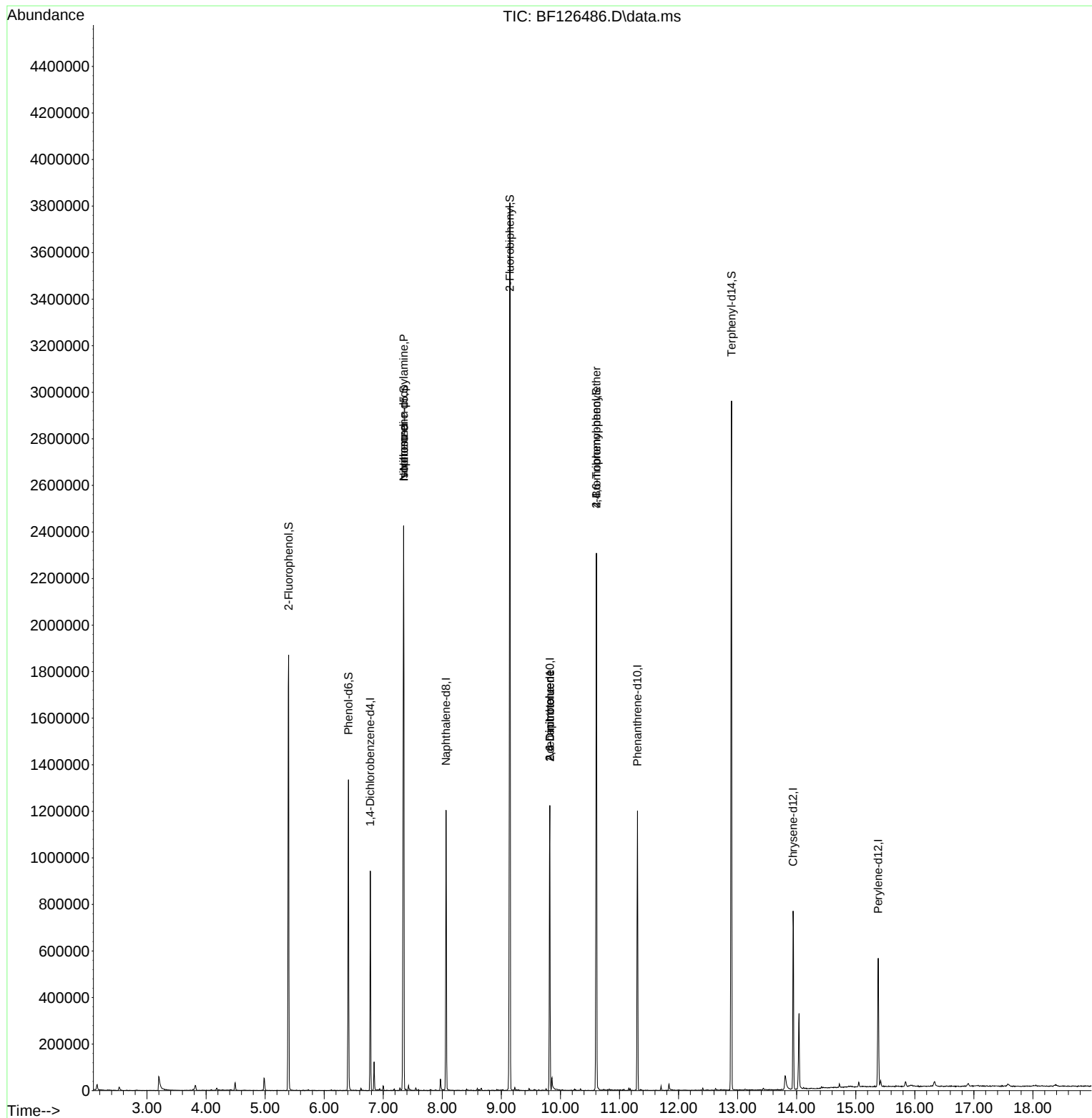
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	126891	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	523593	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	243401	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	389524	20.000	ng	0.00
76) Chrysene-d12	13.939	240	257636	20.000	ng	-0.01
86) Perylene-d12	15.380	264	217368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	554628	62.769	ng	0.00
7) Phenol-d6	6.410	99	424326	37.077	ng	-0.01
23) Nitrobenzene-d5	7.345	82	942353	92.412	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	292219	155.364	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1255004	90.734	ng	0.00
79) Terphenyl-d14	12.898	244	1040004	78.431	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	119603	18.314	ng	# 79
25) Isophorone	7.345	82	939984	51.493	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	31557	9.617	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	31557	7.454	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	15315	4.430	ng	# 1
77) Benzidine	12.898	184	12575	Below Cal		97

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

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Quant Time: Jan 05 02:03:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

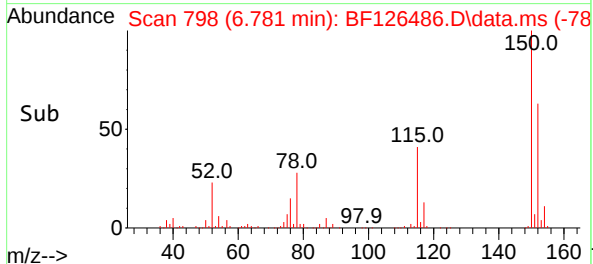
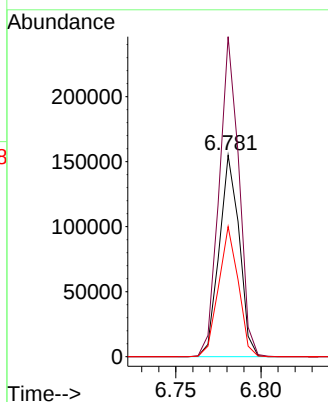
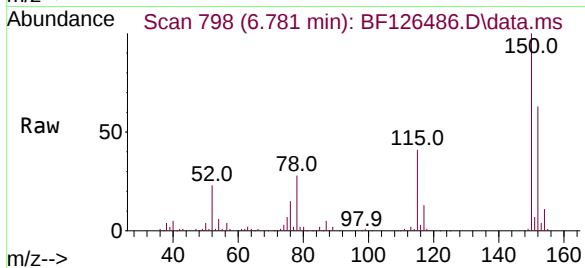




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

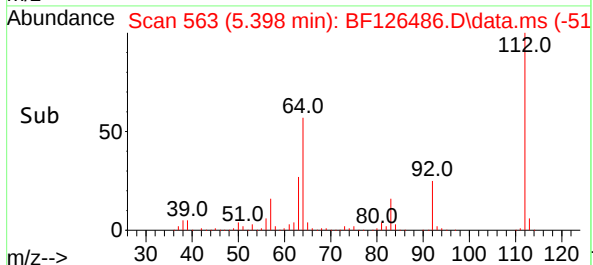
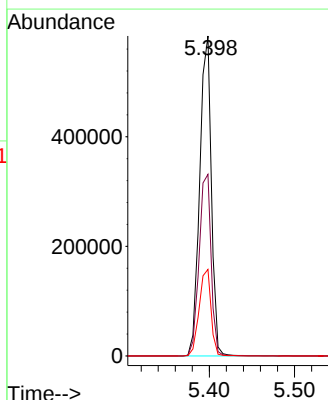
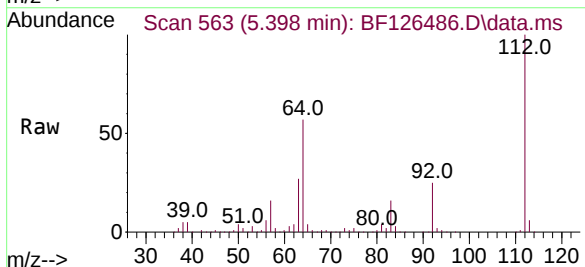
Instrument :
BNA_F
ClientSampleId :
TW-2

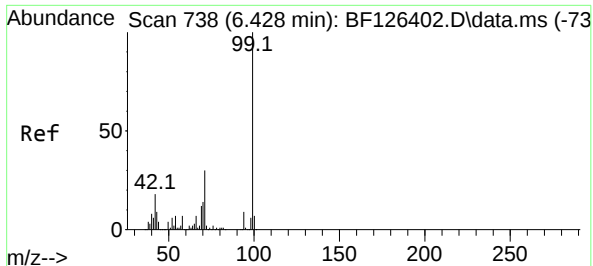
Tgt Ion:152 Resp: 126891
Ion Ratio Lower Upper
152 100
150 158.9 128.1 192.1
115 64.6 56.7 85.1



#5
2-Fluorophenol
Concen: 62.769 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Tgt Ion:112 Resp: 554628
Ion Ratio Lower Upper
112 100
64 56.7 49.5 74.3
63 27.1 23.9 35.9





#7

Phenol-d6

Concen: 37.077 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126486.D

Acq: 5 Jan 2022 00:45

Instrument :

BNA_F

ClientSampleId :

TW-2

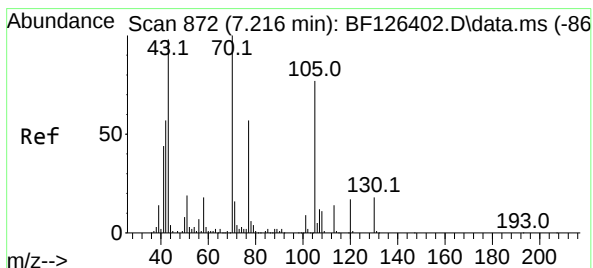
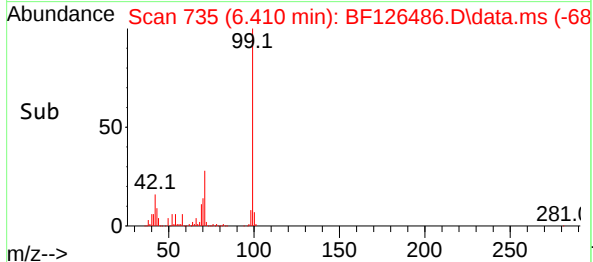
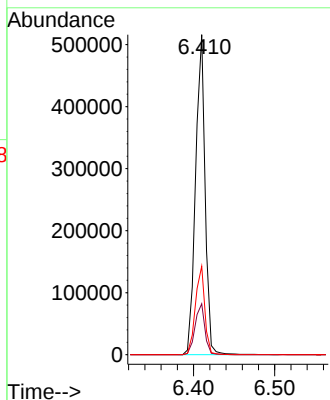
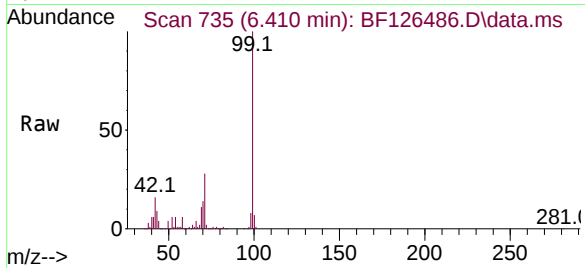
Tgt Ion: 99 Resp: 424326

Ion Ratio Lower Upper

99 100

42 15.9 14.2 21.4

71 27.7 24.3 36.5



#19

n-Nitroso-di-n-propylamine

Concen: 18.314 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.141 min

Lab File: BF126486.D

Acq: 5 Jan 2022 00:45

Tgt Ion: 70 Resp: 119603

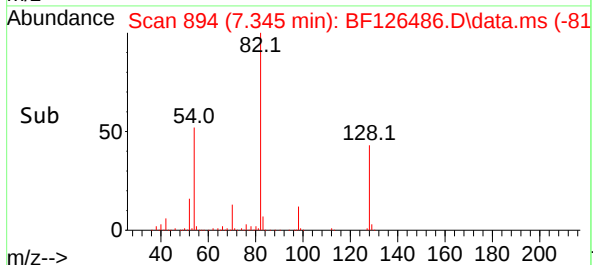
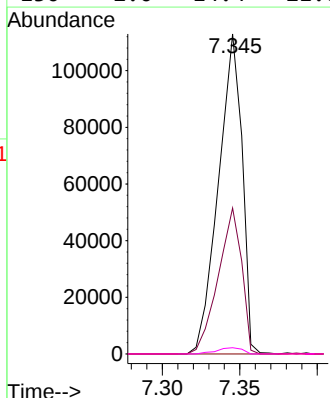
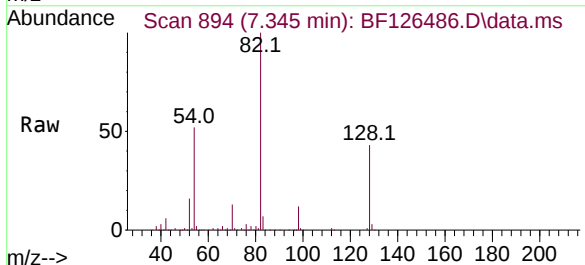
Ion Ratio Lower Upper

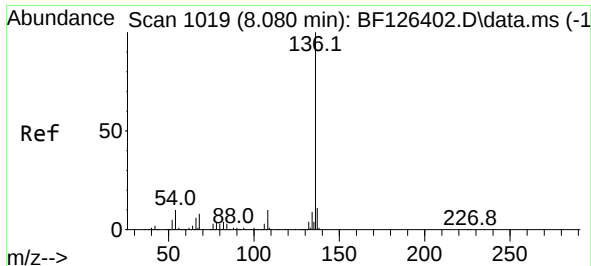
70 100

42 45.6 45.8 68.8#

101 0.0 6.9 10.3#

130 2.0 14.4 21.6#



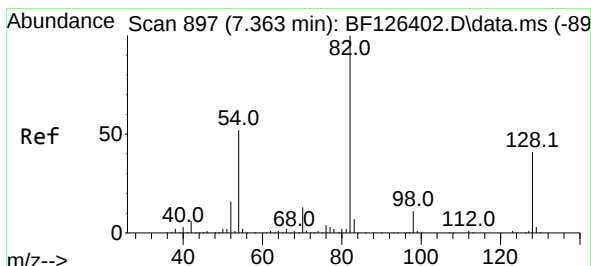
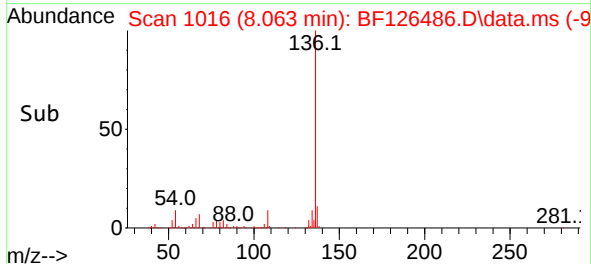
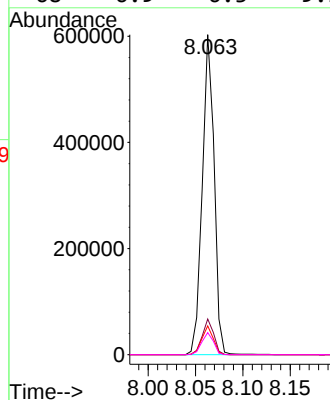
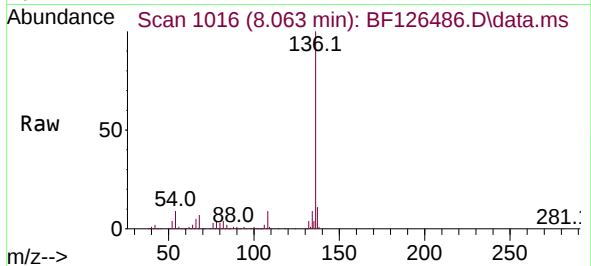


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:136 Resp: 523593

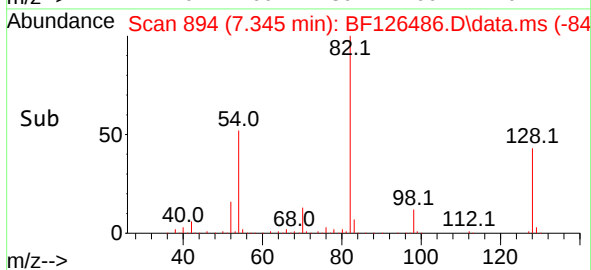
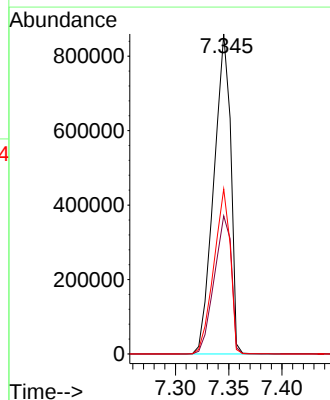
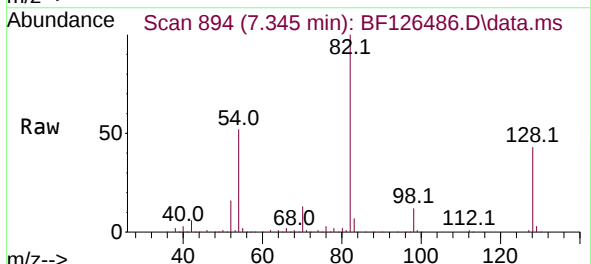
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.0	7.8	11.6
68	6.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 92.412 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Tgt Ion: 82 Resp: 942353

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.7	49.1
54	51.6	41.7	62.5

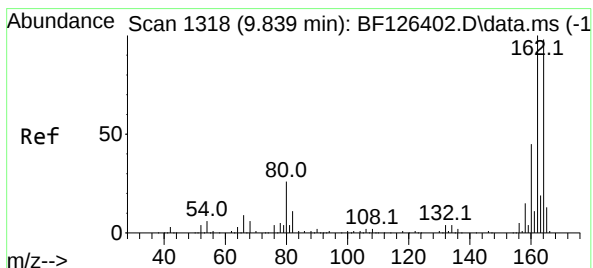
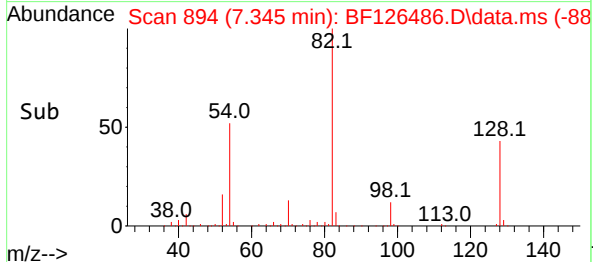
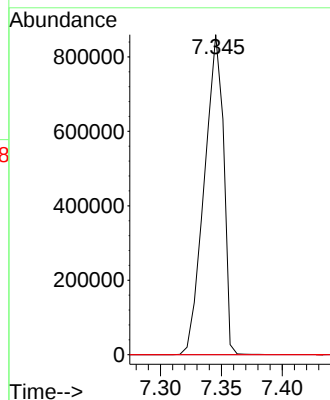
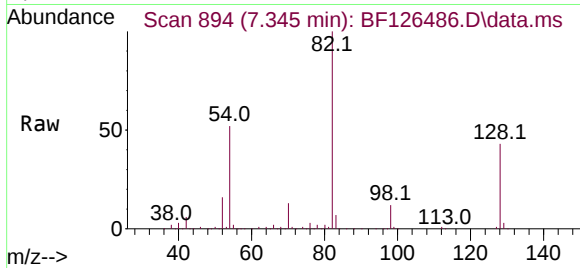




#25
Isophorone
Concen: 51.493 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

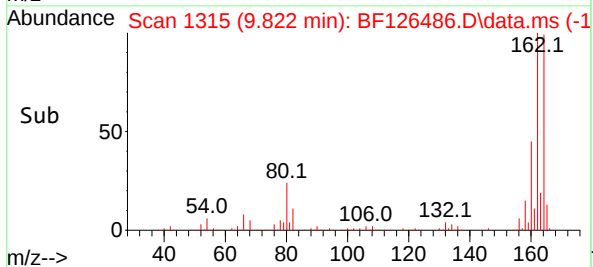
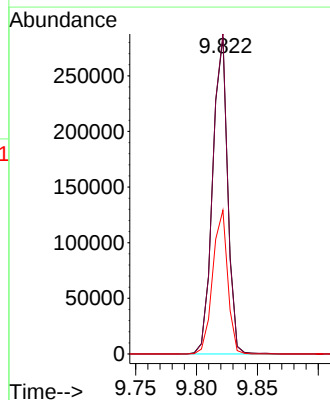
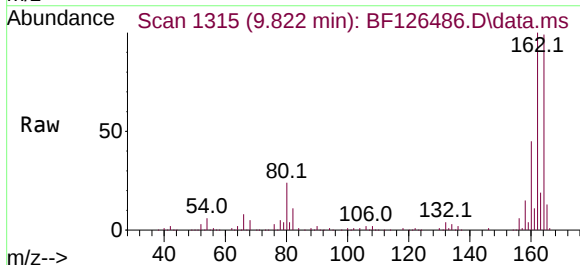
Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 82 Resp: 939984
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

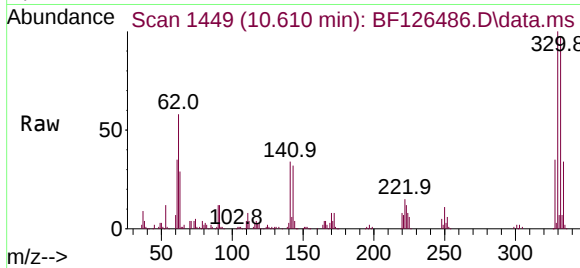
Tgt Ion: 164 Resp: 243401
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 45.4 36.6 54.8



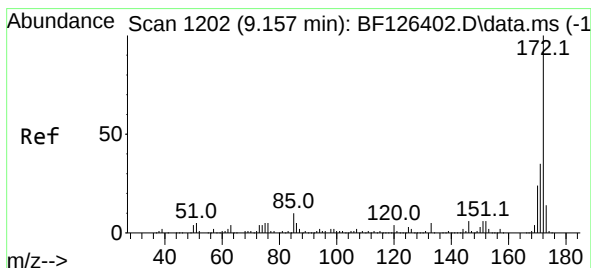
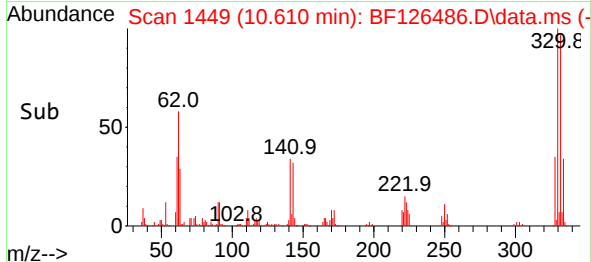
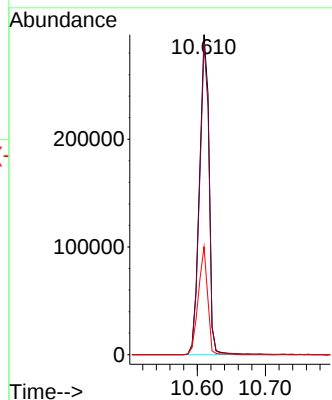


#42
2,4,6-Tribromophenol
Concen: 155.364 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Instrument :
BNA_F
ClientSampleId :
TW-2

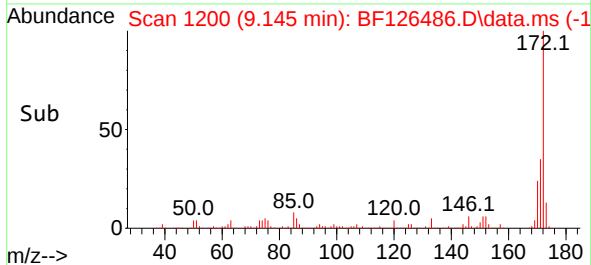
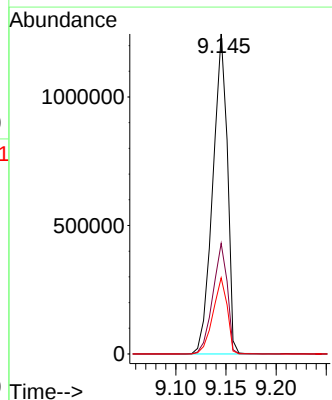
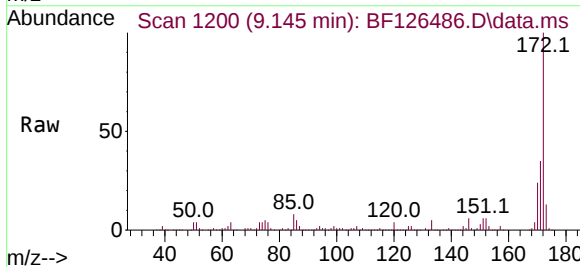


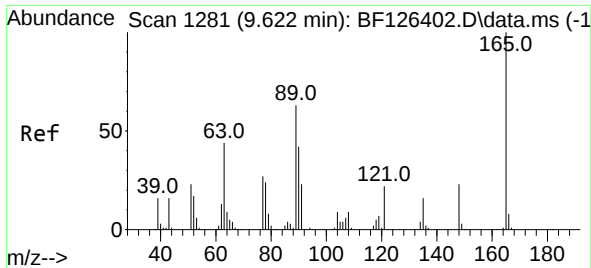
Tgt Ion:330 Resp: 292219
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 32.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 90.734 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Tgt Ion:172 Resp: 1255004
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.8 19.0 28.6

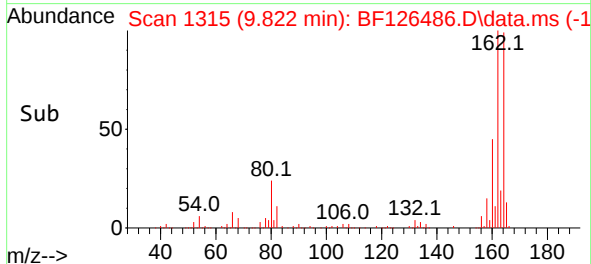
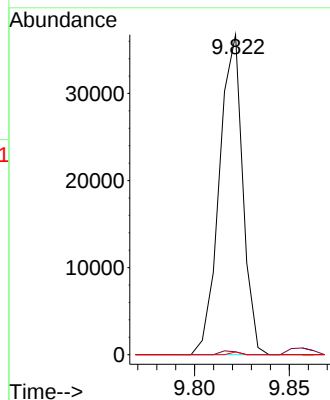
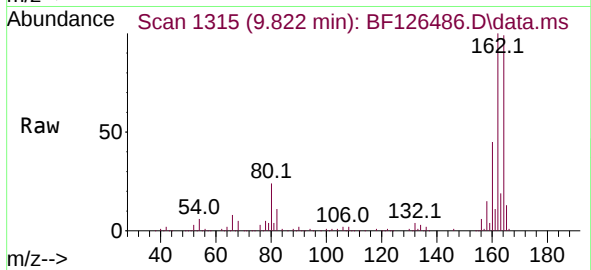




#51
2,6-Dinitrotoluene
Concen: 9.617 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.212 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

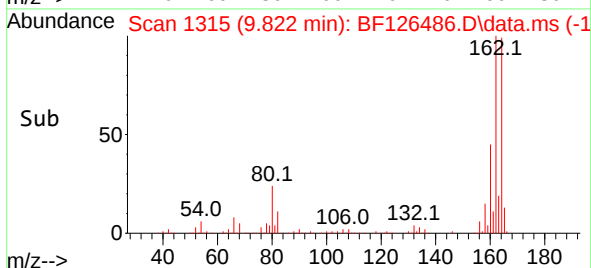
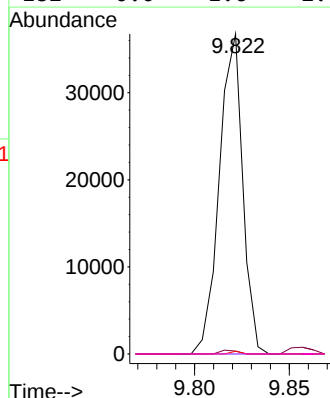
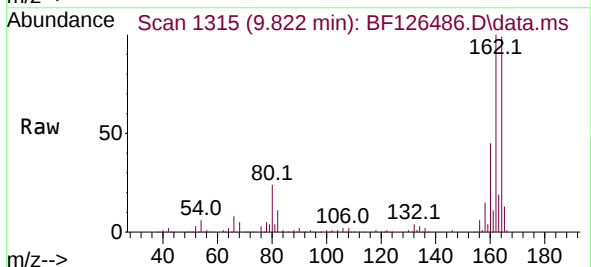
Instrument :
BNA_F
ClientSampleId :
TW-2

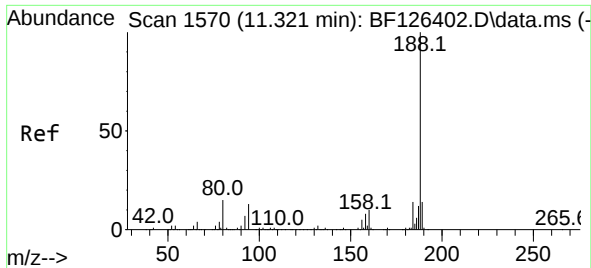
Tgt Ion:165 Resp: 31557
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 0.8 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.454 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Tgt Ion:165 Resp: 31557
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 0.8 71.0 106.4#
182 0.0 1.6 2.4#

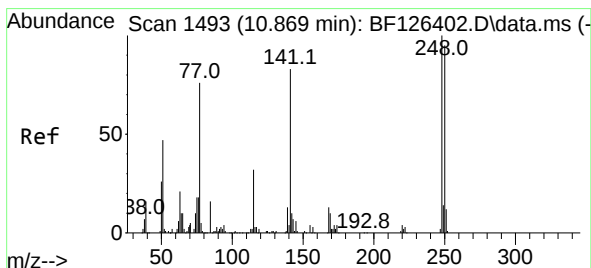
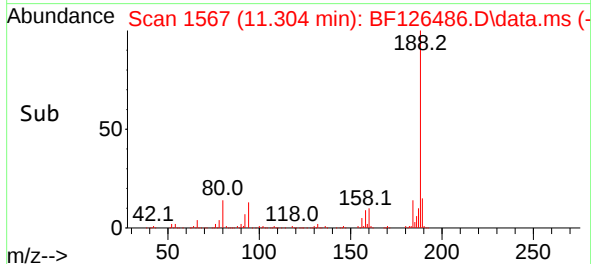
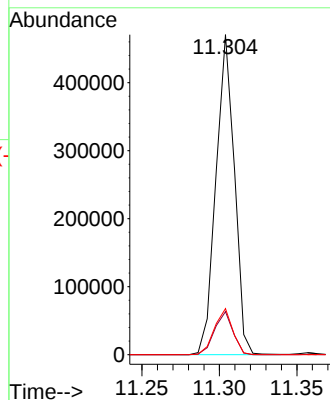
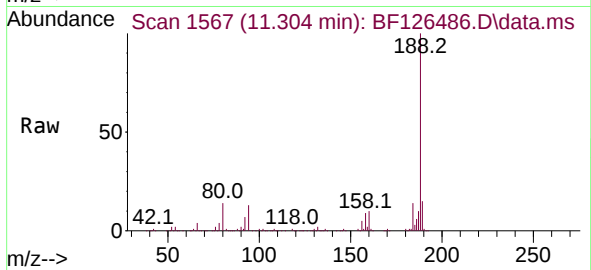




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

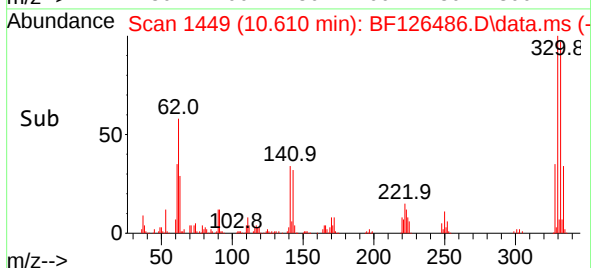
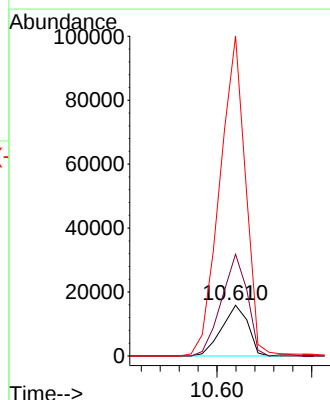
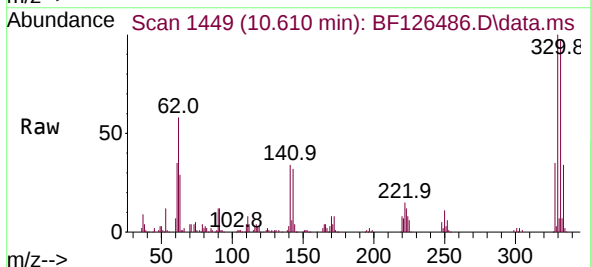
Instrument :
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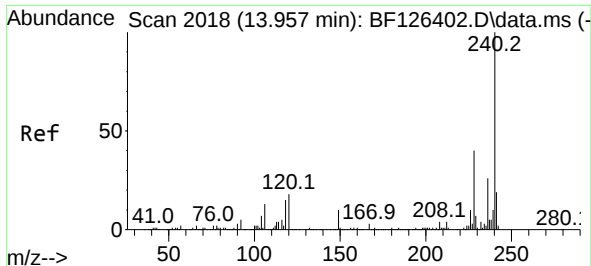
Tgt Ion:188 Resp: 389524
Ion Ratio Lower Upper
188 100
94 13.4 10.1 15.1
80 14.4 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.430 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Tgt Ion:248 Resp: 15315
Ion Ratio Lower Upper
248 100
250 200.6 76.2 114.4#
141 631.1 66.2 99.4#

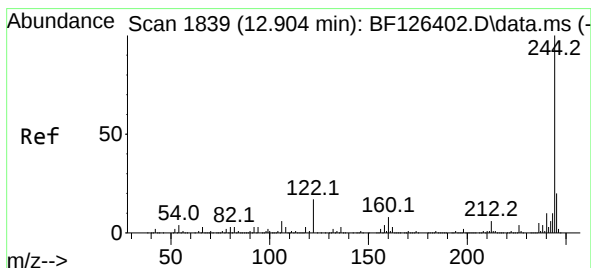
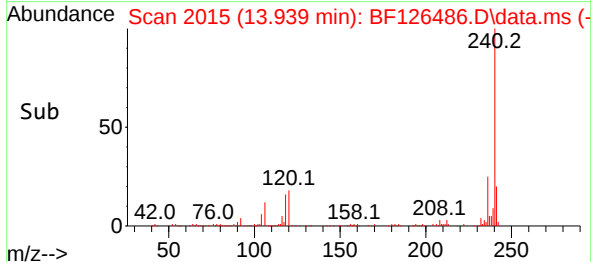
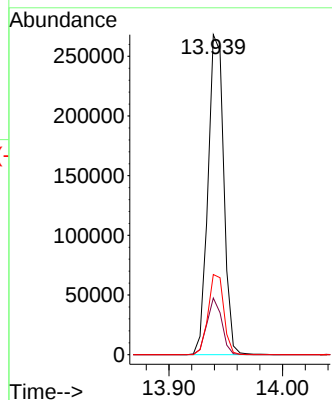
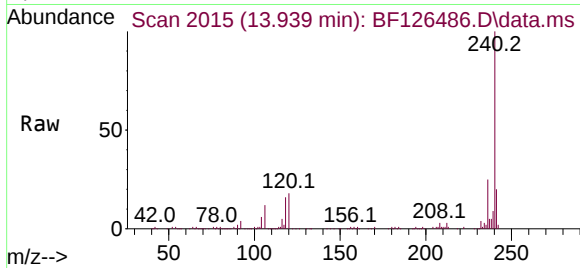




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

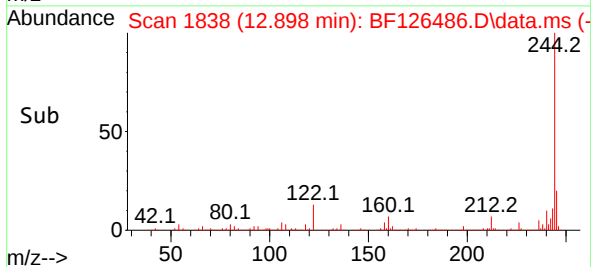
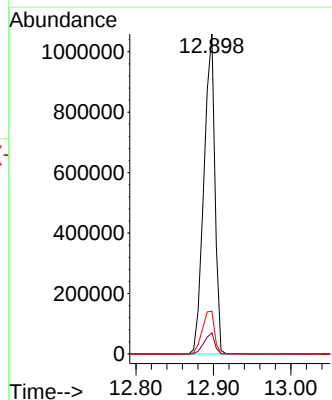
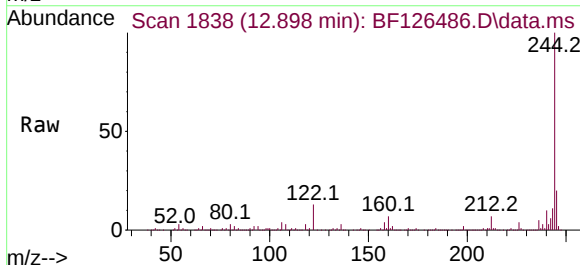
Instrument :
BNA_F
ClientSampleId :
TW-2

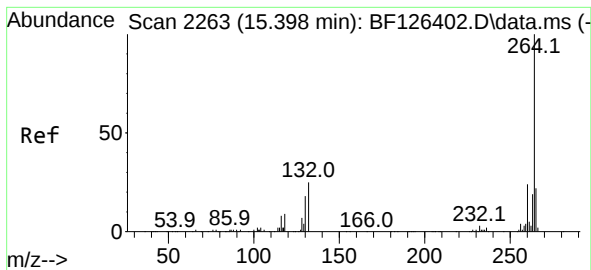
Tgt Ion:240 Resp: 257636
Ion Ratio Lower Upper
240 100
120 17.7 14.4 21.6
236 25.1 20.5 30.7



#79
Terphenyl-d14
Concen: 78.431 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

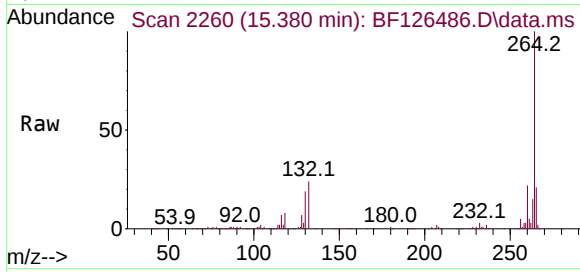
Tgt Ion:244 Resp: 1040004
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 13.4 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126486.D
Acq: 5 Jan 2022 00:45

Instrument :
BNA_F
ClientSampleId :
TW-2



Tgt Ion:264 Resp: 217368

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.7	17.4	26.2

