

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126066.D
 Acq On : 8 Nov 2021 15:37
 Operator : JU/CG
 Sample : M4501-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Nov 08 16:55:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

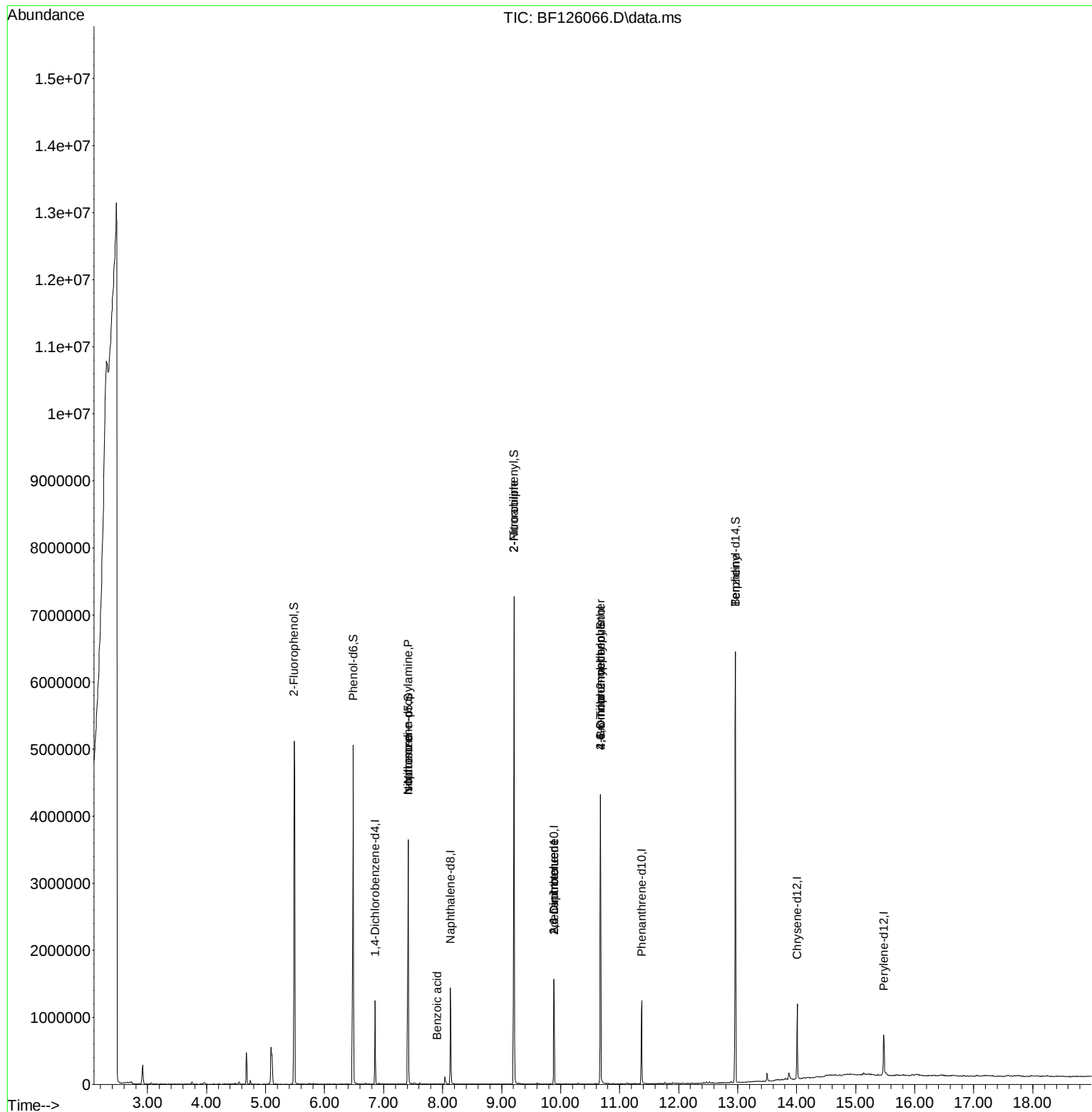
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	163075	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	568576	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	291298	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	447255	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	363556	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	279222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1276548	134.428	ng	0.02
7) Phenol-d6	6.487	99	1470399	109.842	ng	0.00
23) Nitrobenzene-d5	7.416	82	1242090	103.025	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	453681	135.902	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2228706	103.392	ng	0.00
79) Terphenyl-d14	12.963	244	2085010	92.480	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	3333	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	179985	20.395	ng	# 63
25) Isophorone	7.416	82	1237259	56.999	ng	# 59
32) Benzoic acid	7.910	122	110	9.160	ng	# 1
48) 2-Nitroaniline	9.210	65	4790	3.627	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	37643	10.355	ng	# 29
57) 2,4-Dinitrotoluene	9.886	165	37643	9.880	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.675	198	1206	8.780	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	28490	5.259	ng	# 1
77) Benzidine	12.963	184	33094	2.723	ng	# 95

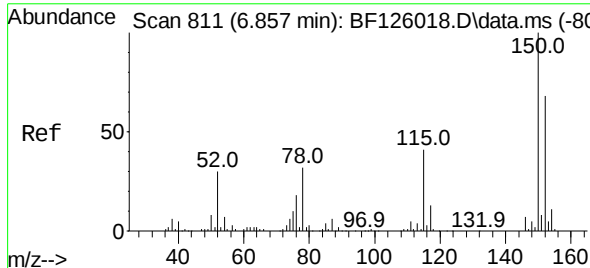
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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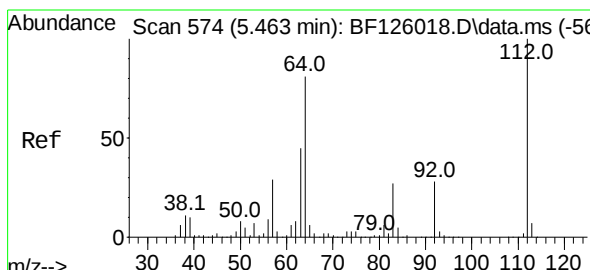
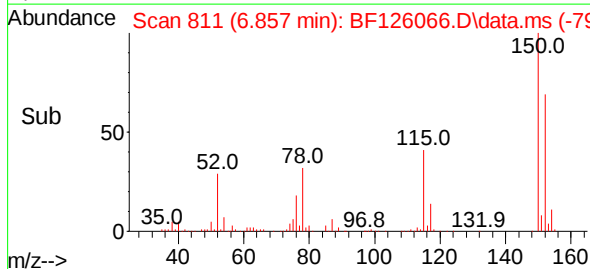
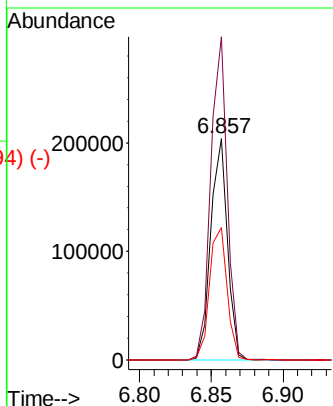
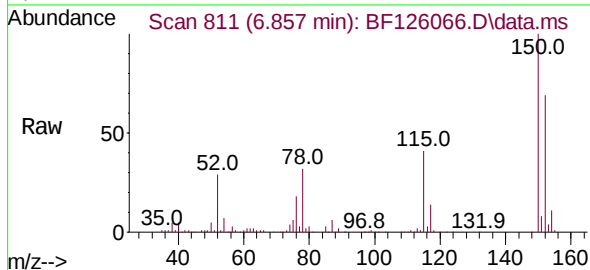




Scan 811 (6.857 min): BF126018.D\data.ms (-805) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF126066.D
 Acq: 8 Nov 2021 15:37

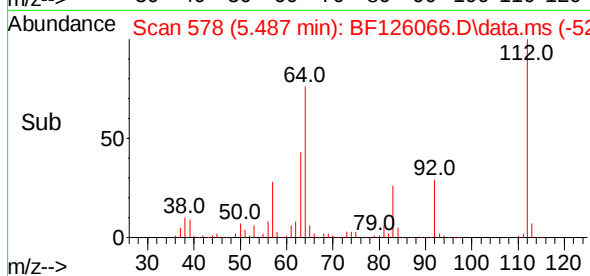
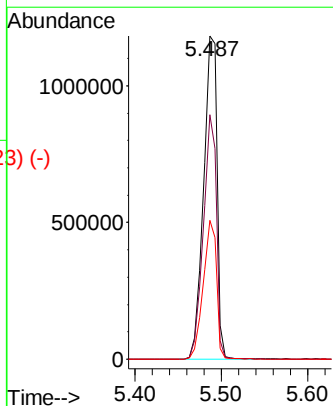
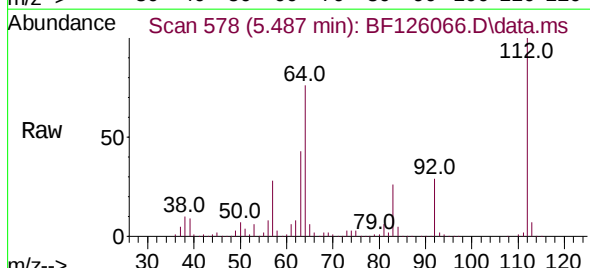
Instrument :
 BNA_F
 ClientSampleId :
 72-11929

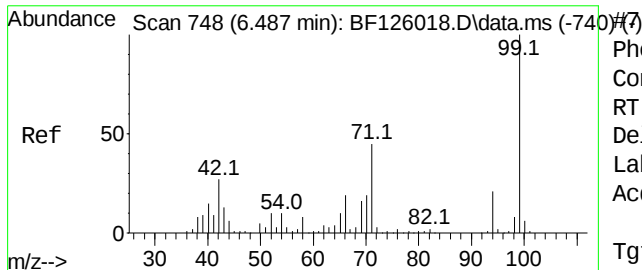
Tgt Ion:	152	Resp:	163075
Ion	Ratio	Lower	Upper
152	100		
150	145.8	117.6	176.4
115	59.8	47.1	70.7



Scan 574 (5.463 min): BF126018.D\data.ms (-568) #5
 2-Fluorophenol
 Concen: 134.428 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.024 min
 Lab File: BF126066.D
 Acq: 8 Nov 2021 15:37

Tgt Ion:	112	Resp:	1276548
Ion	Ratio	Lower	Upper
112	100		
64	75.7	44.2	66.2#
63	42.9	26.2	39.2#





Phenol-d6

Concen: 109.842 ng

RT: 6.487 min Scan#

Delta R.T. -0.000 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

Instrument :

BNA_F

ClientSampleId :

72-11929

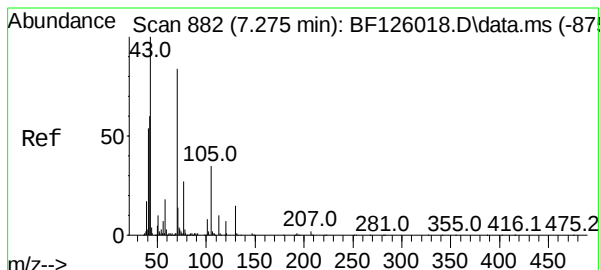
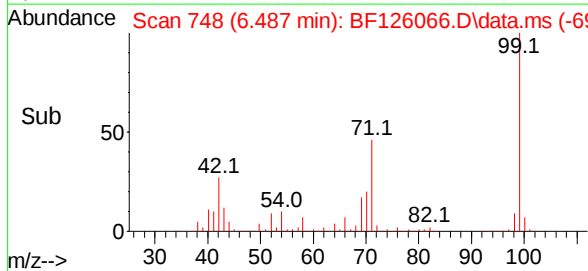
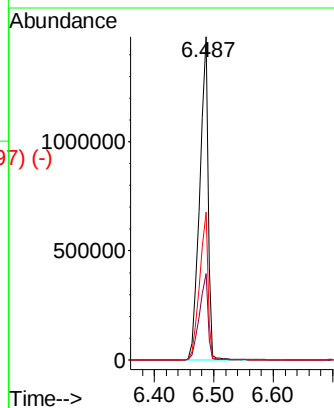
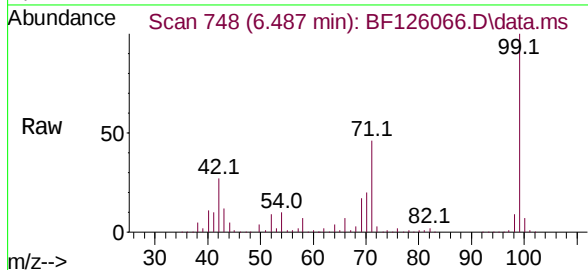
Tgt Ion: 99 Resp: 1470399

Ion Ratio Lower Upper

99 100

42 26.8 23.5 35.3

71 45.8 25.6 38.4#



n-Nitroso-di-n-propylamine

Concen: 20.395 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.141 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

Tgt Ion: 70 Resp: 179985

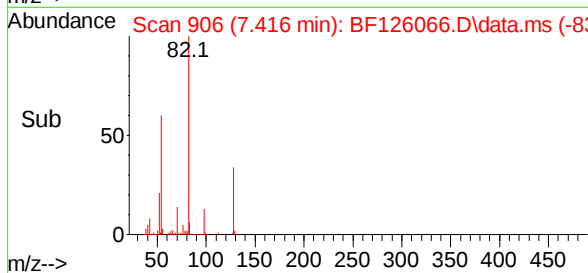
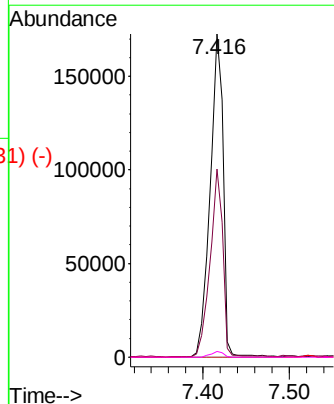
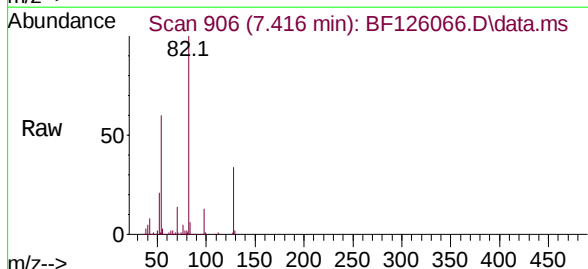
Ion Ratio Lower Upper

70 100

42 58.1 72.2 108.2#

101 0.0 7.8 11.8#

130 1.8 21.8 32.6#



Abundance Scan 1029 (8.139 min): BF126018.D\data.ms (-1021)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BF126066.D

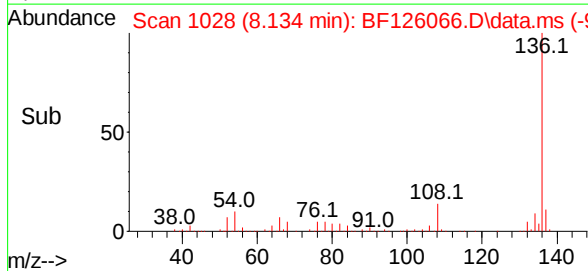
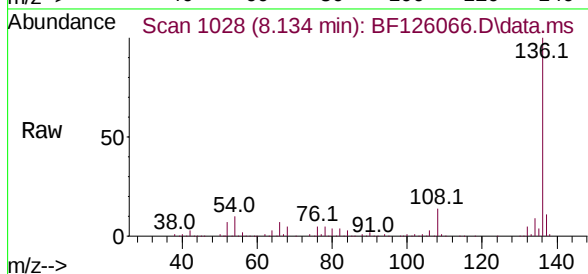
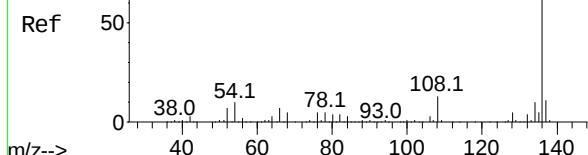
Acq: 8 Nov 2021 15:37

Instrument :

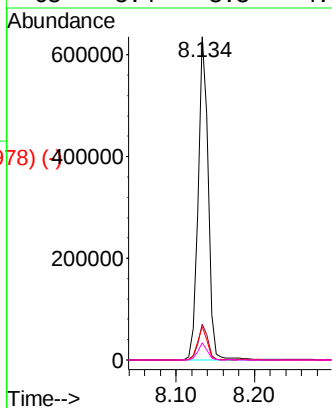
BNA_F

ClientSampleId :

72-11929



Tgt Ion:	136	Resp:	568576
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	10.3	6.4	9.6#
68	5.4	3.3	4.9#



Abundance Scan 907 (7.422 min): BF126018.D\data.ms (-901)

Nitrobenzene-d5

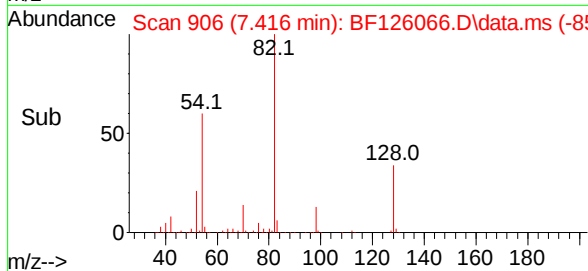
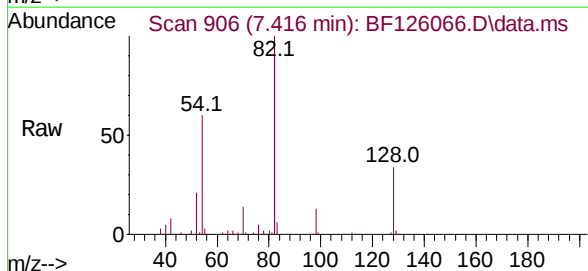
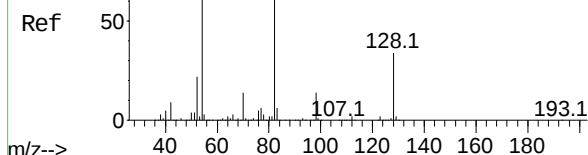
Concen: 103.025 ng

RT: 7.416 min Scan# 906

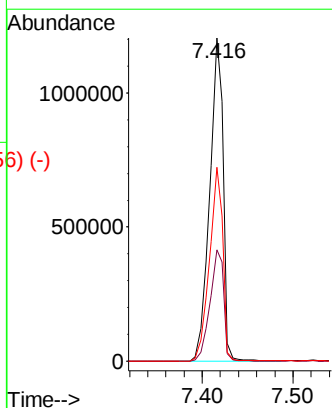
Delta R.T. -0.006 min

Lab File: BF126066.D

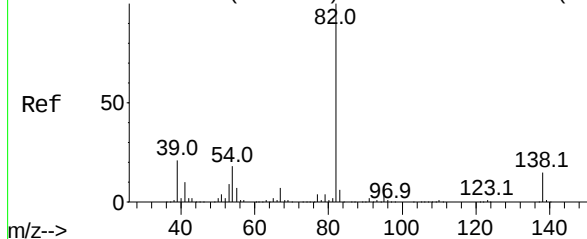
Acq: 8 Nov 2021 15:37



Tgt Ion:	82	Resp:	1242090
Ion	Ratio	Lower	Upper
82	100		
128	34.5	40.6	60.8#
54	60.0	49.6	74.4



Abundance Scan 951 (7.681 min): BF126018.D\data.ms (-944)#25



Isophorone

Concen: 56.999 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

Instrument :

BNA_F

ClientSampleId :

72-11929

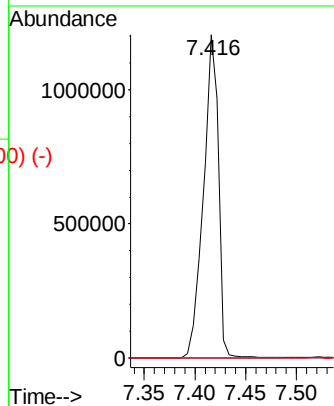
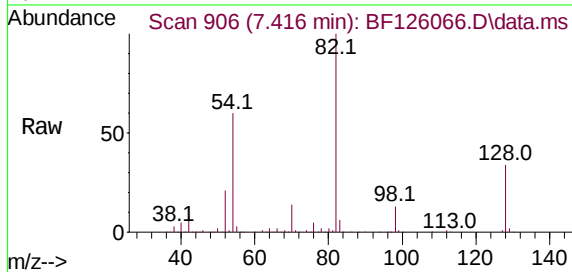
Tgt Ion: 82 Resp: 1237259

Ion Ratio Lower Upper

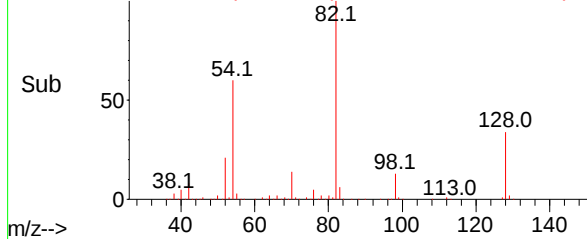
82 100

95 0.0 6.5 9.7#

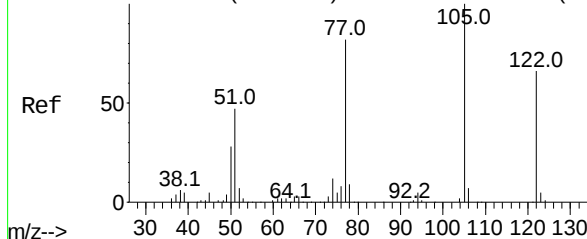
138 0.0 18.4 27.6#



Abundance Scan 906 (7.416 min): BF126066.D\data.ms (-900) (-)



Abundance Scan 991 (7.916 min): BF126018.D\data.ms (-974)#32



Benzoic acid

Concen: 9.160 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

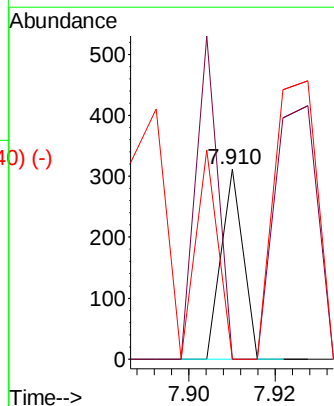
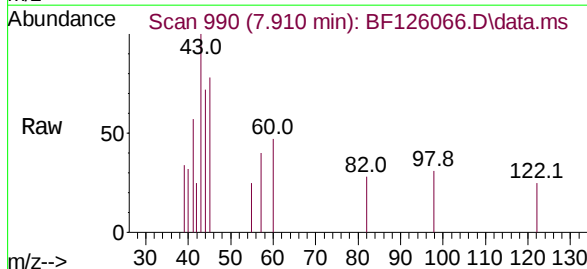
Tgt Ion:122 Resp: 110

Ion Ratio Lower Upper

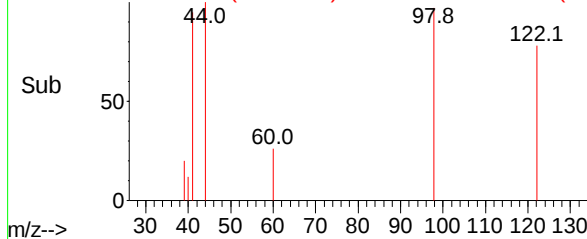
122 100

105 0.0 97.6 137.6#

77 0.0 59.6 99.6#



Abundance Scan 990 (7.910 min): BF126066.D\data.ms (-940) (-)



Abundance Scan 1327 (9.892 min): BF126018.D\data.ms (-1327.9)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF126066.D

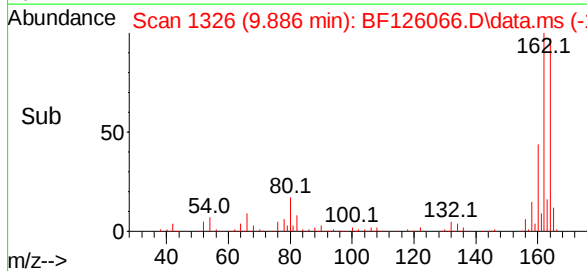
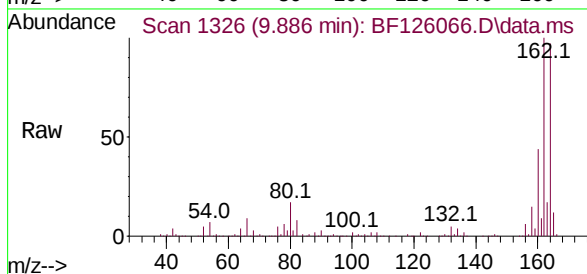
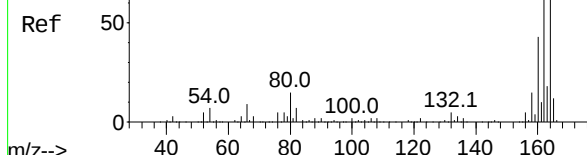
Acq: 8 Nov 2021 15:37

Instrument :

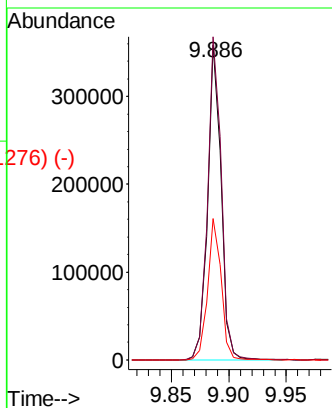
BNA_F

ClientSampleId :

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Tgt Ion:	164	Resp:	291298
Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	44.9	38.0	57.0



Abundance Scan 1461 (10.680 min): BF126018.D\data.ms (-1461.4)

2,4,6-Tribromophenol

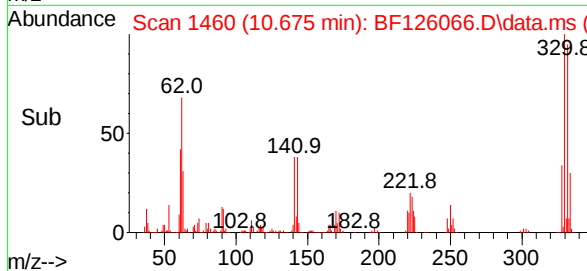
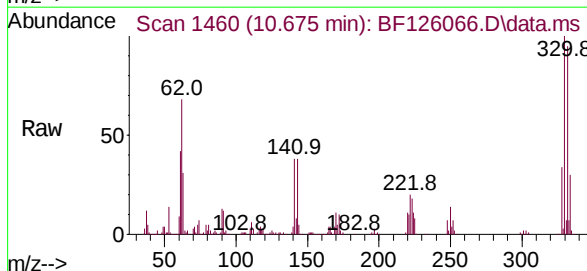
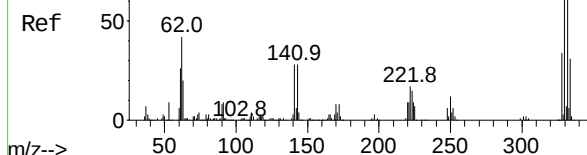
Concen: 135.902 ng

RT: 10.675 min Scan# 1460

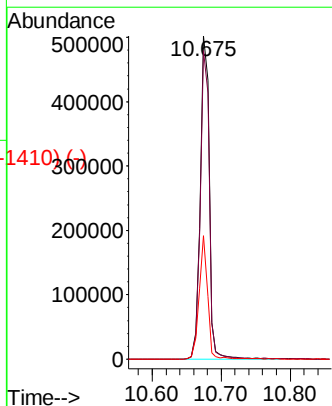
Delta R.T. -0.006 min

Lab File: BF126066.D

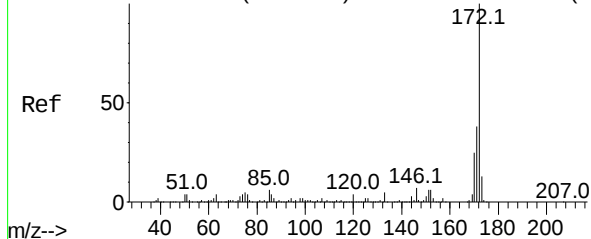
Acq: 8 Nov 2021 15:37



Tgt Ion:	330	Resp:	453681
Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	35.9	44.6	66.8#



Abundance Scan 1212 (9.216 min): BF126018.D\data.ms (-12651)



2-Fluorobiphenyl

Concen: 103.392 ng

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

Instrument :

BNA_F

ClientSampleId :

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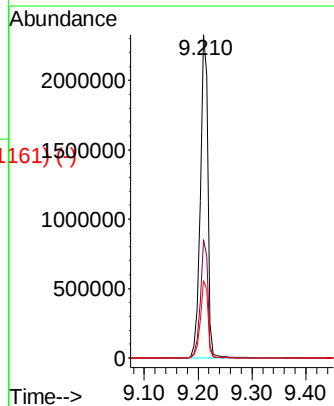
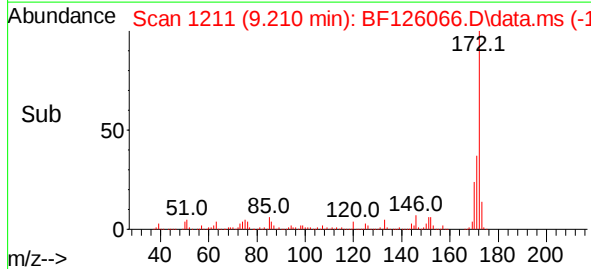
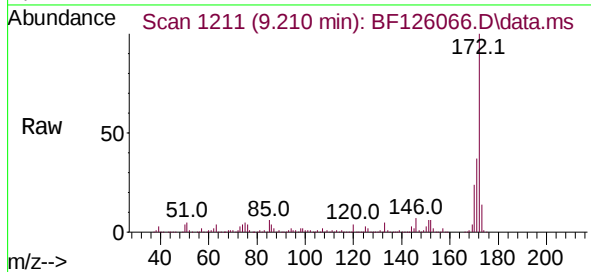
Tgt Ion:172 Resp: 2228706

Ion Ratio Lower Upper

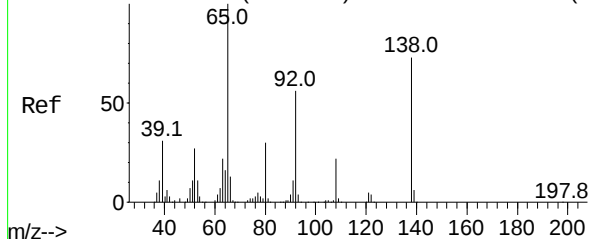
172 100

171 36.7 26.5 39.7

170 24.0 18.8 28.2



Abundance Scan 1248 (9.428 min): BF126018.D\data.ms (-12448)



2-Nitroaniline

Concen: 3.627 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.218 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

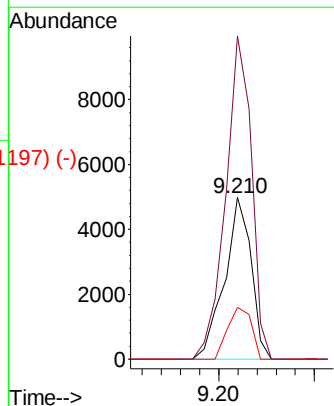
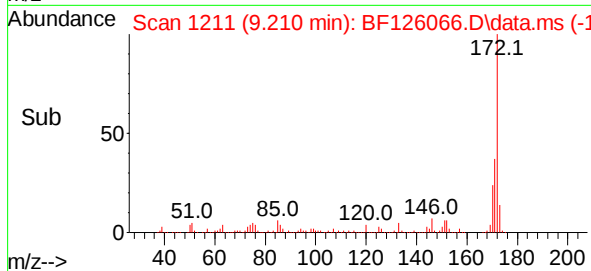
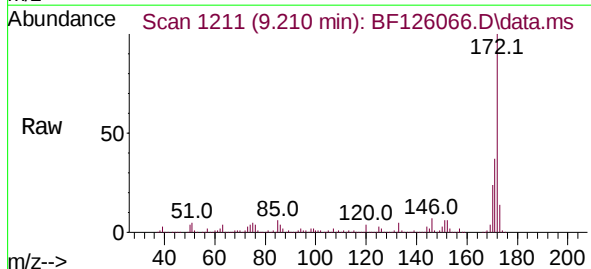
Tgt Ion: 65 Resp: 4790

Ion Ratio Lower Upper

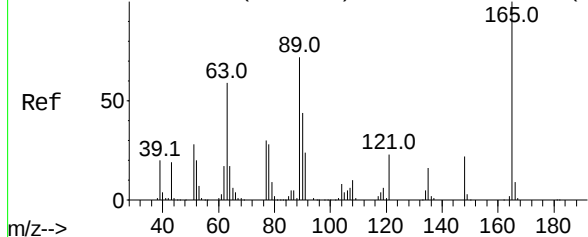
65 100

92 199.7 55.5 83.3#

138 32.1 93.5 140.3#



Abundance Scan 1290 (9.675 min): BF126018.D\data.ms (-12851)



2,6-Dinitrotoluene

Concen: 10.355 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.211 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

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72-11929

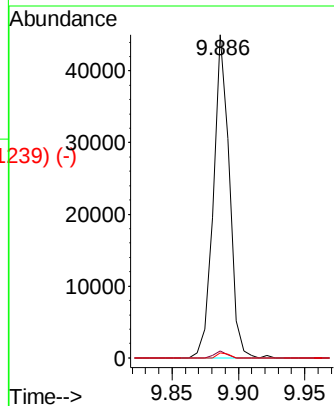
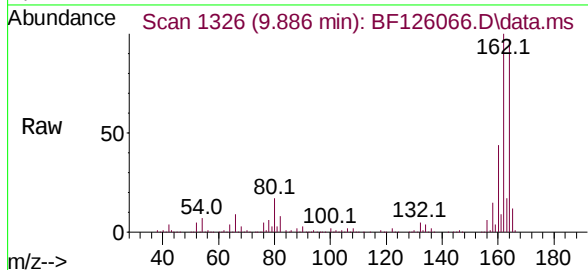
Tgt Ion:165 Resp: 37643

Ion Ratio Lower Upper

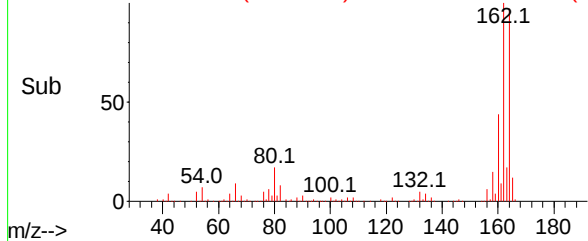
165 100

63 2.2 42.6 63.8#

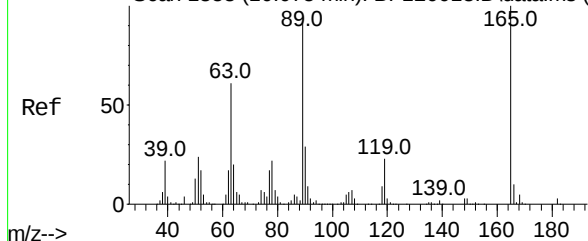
89 1.6 40.6 60.8#



Abundance Scan 1326 (9.886 min): BF126066.D\data.ms (-1239) (-)



Abundance Scan 1358 (10.075 min): BF126018.D\data.ms (-1351) (-)



2,4-Dinitrotoluene

Concen: 9.880 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.189 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

Tgt Ion:165 Resp: 37643

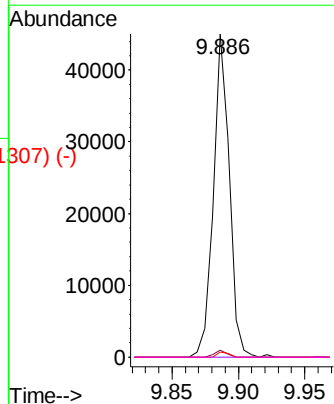
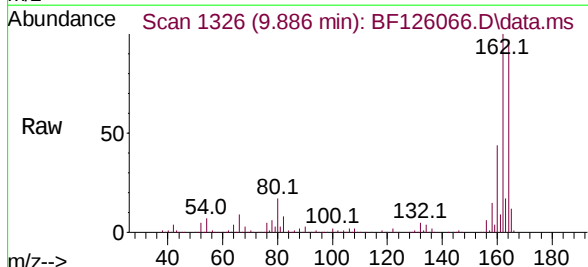
Ion Ratio Lower Upper

165 100

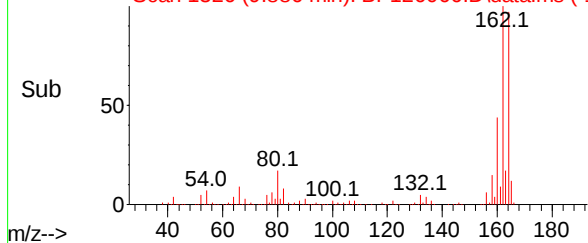
63 2.2 40.9 61.3#

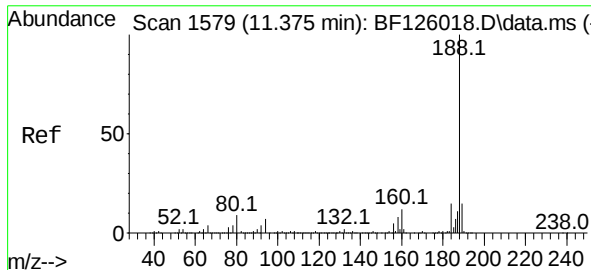
89 1.6 59.7 89.5#

182 0.0 0.0 0.0



Abundance Scan 1326 (9.886 min): BF126066.D\data.ms (-1307) (-)

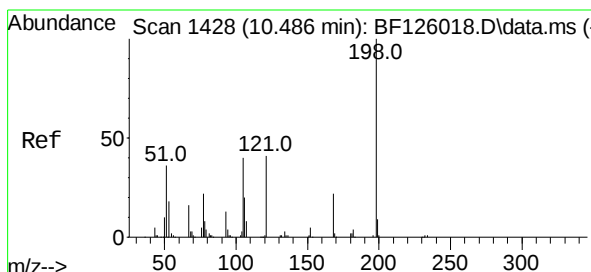
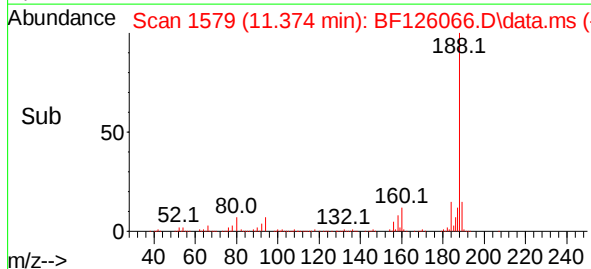
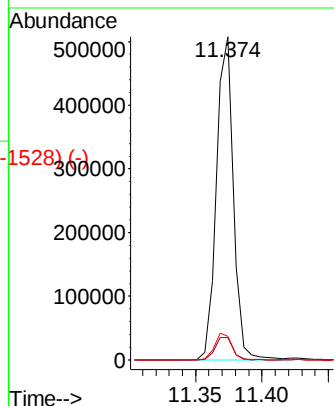
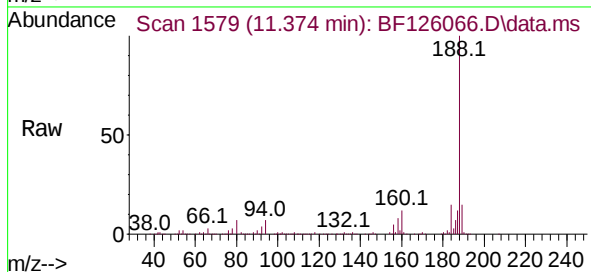




Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.001 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

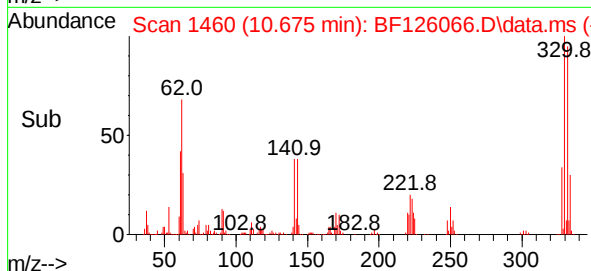
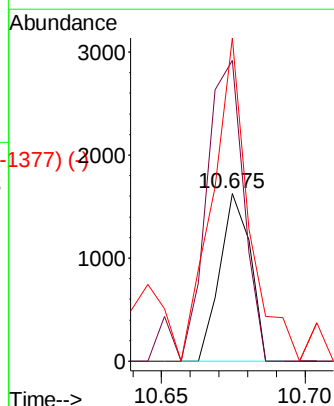
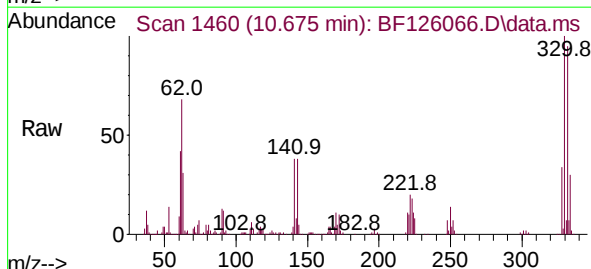
Instrument :
BNA_F
ClientSampleId :
72-11929

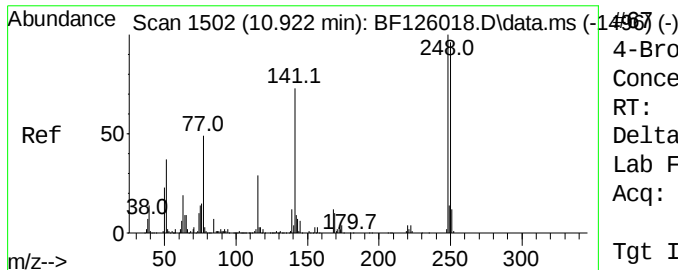
Tgt Ion:	188	Resp:	447255
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.7	10.1
80	7.2	7.5	11.3#



4,6-Dinitro-2-methylphenol
Concen: 8.780 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.189 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

Tgt Ion:	198	Resp:	1206
Ion	Ratio	Lower	Upper
198	100		
51	179.3	45.3	85.3#
105	192.7	30.6	70.6#

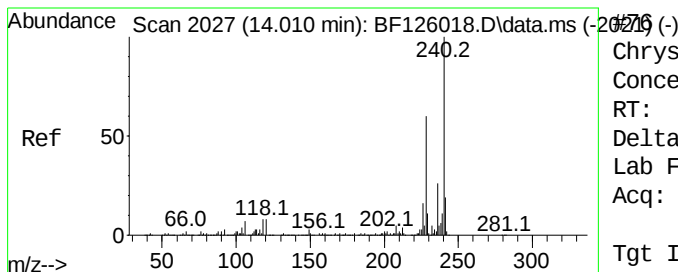
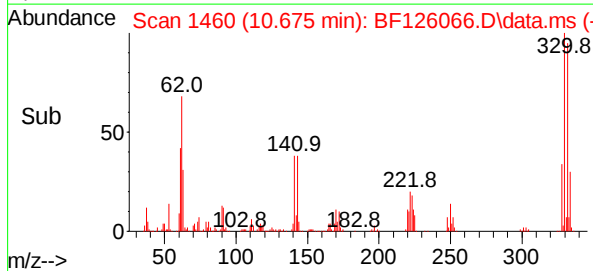
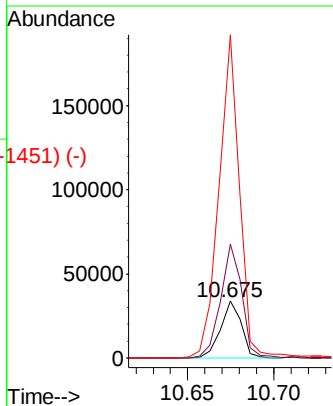
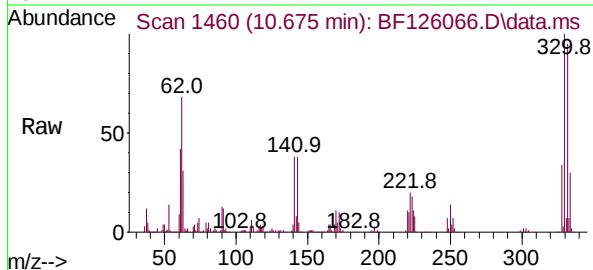




4-Bromophenyl-phenylether
Concen: 5.259 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

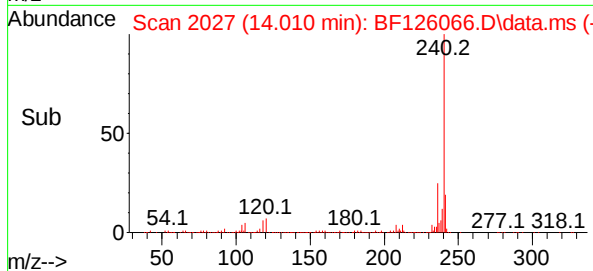
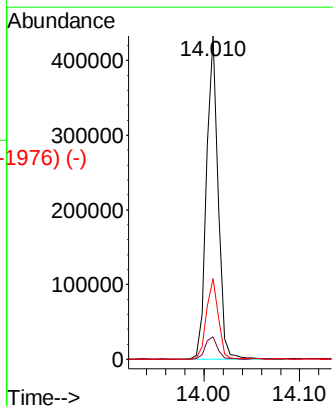
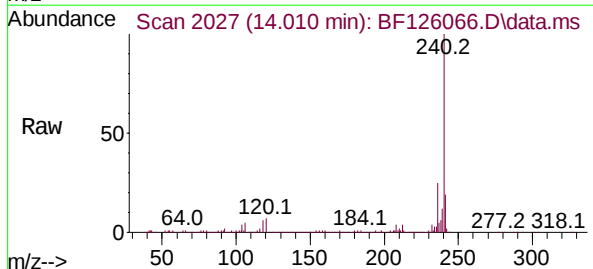
Instrument :
BNA_F
ClientSampleId :
72-11929

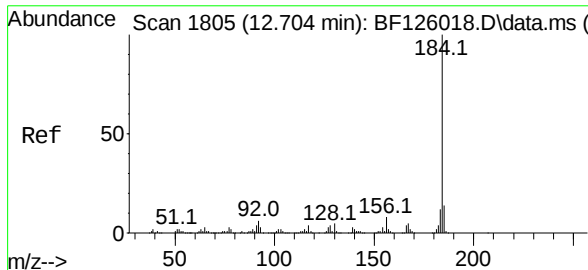
Tgt Ion:	248	Resp:	28490
Ion	Ratio	Lower	Upper
248	100		
250	201.5	74.2	111.4#
141	571.1	60.4	90.6#



Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

Tgt Ion:	240	Resp:	363556
Ion	Ratio	Lower	Upper
240	100		
120	6.9	10.8	16.2#
236	25.0	21.6	32.4

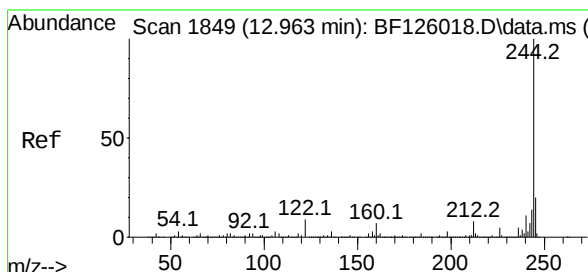
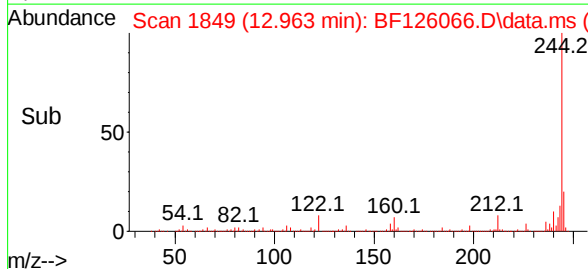
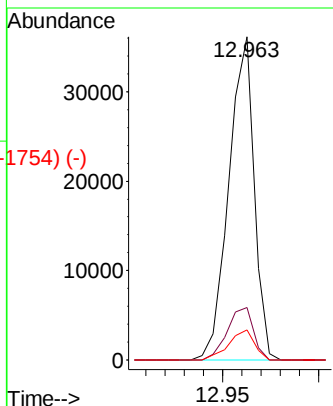
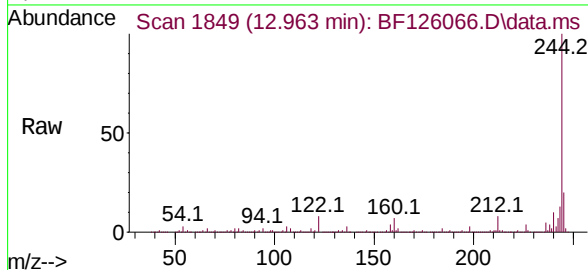




Scan 1805 (12.704 min): BF126018.D\data.ms (-1805) (-)
 Benzidine
 Concen: 2.723 ng
 RT: 12.963 min Scan# 1805
 Delta R.T. 0.259 min
 Lab File: BF126066.D
 Acq: 8 Nov 2021 15:37

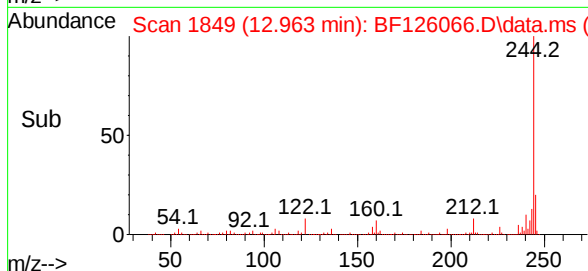
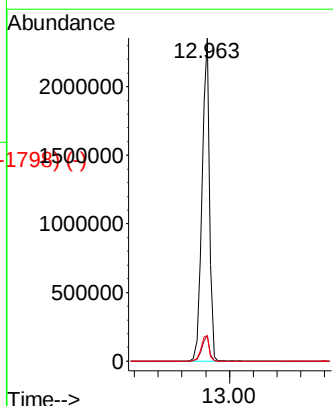
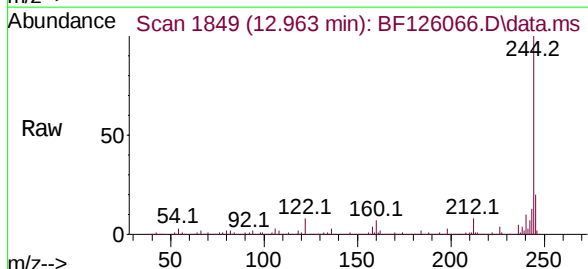
Instrument :
 BNA_F
 ClientSampleId :
 72-11929

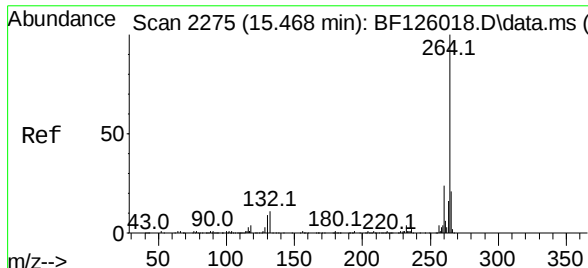
Tgt Ion:	184	Resp:	33094
Ion	Ratio	Lower	Upper
184	100		
185	16.3	10.8	16.2#
183	9.3	8.1	12.1



Scan 1849 (12.963 min): BF126018.D\data.ms (-1849) (-)
 Terphenyl-d14
 Concen: 92.480 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF126066.D
 Acq: 8 Nov 2021 15:37

Tgt Ion:	244	Resp:	2085010
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	8.0	9.0	13.4#





Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF126066.D
 Acq: 8 Nov 2021 15:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Tgt Ion:	264	Resp:	279222
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.2	17.2	25.8

