

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060248.D
 Acq On : 4 Jan 2024 17:00
 Operator : MA/JU
 Sample : 06038-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EQ-TANK

Quant Time: Jan 04 17:45:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

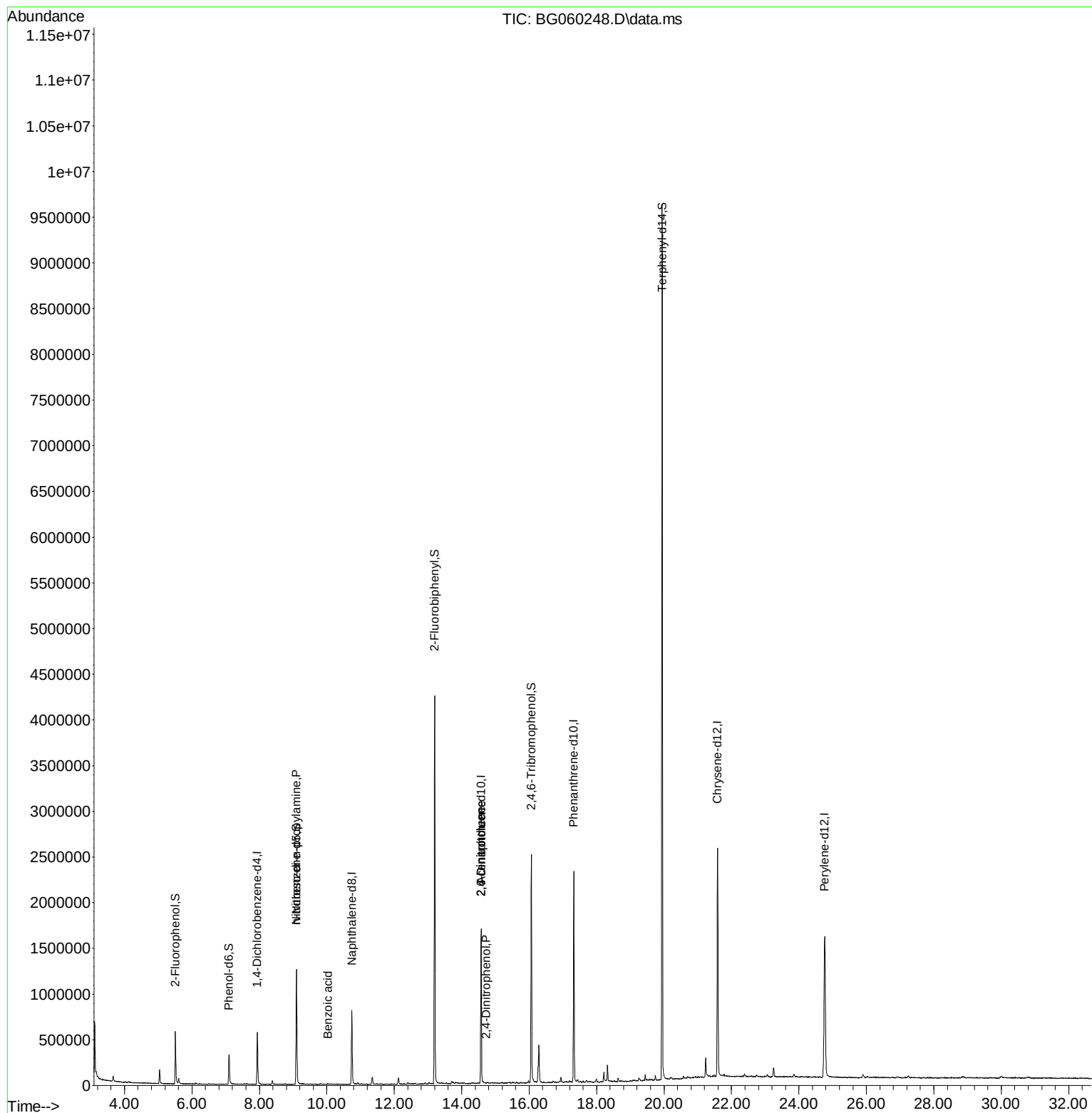
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	184636	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	747476	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	602329	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1604501	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1502878	20.000	ng	0.00
86) Perylene-d12	24.765	264	1728606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	281840	23.040	ng	0.00
7) Phenol-d6	7.097	99	243048	13.381	ng	0.00
23) Nitrobenzene-d5	9.101	82	899263	55.570	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	535514	66.418	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2426357	57.896	ng	0.00
79) Terphenyl-d14	19.941	244	4611828	58.995	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	107391	8.655	ng	# 82
32) Benzoic acid	10.035	122	119	10.283	ng	# 1
51) 2,6-Dinitrotoluene	14.571	165	80057	8.277	ng	# 29
54) 2,4-Dinitrophenol	14.718	184	56	8.245	ng	# 1
57) 2,4-Dinitrotoluene	14.571	165	80057	6.087	ng	# 26

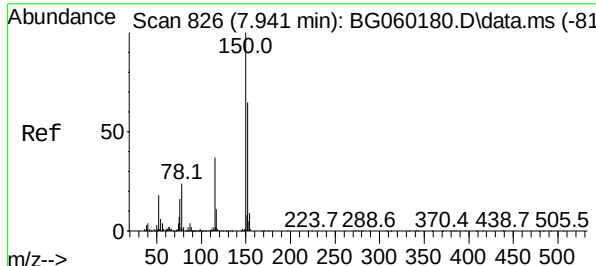
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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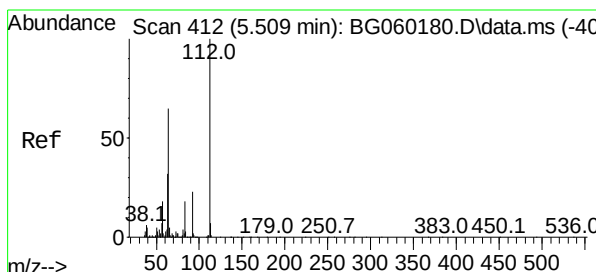
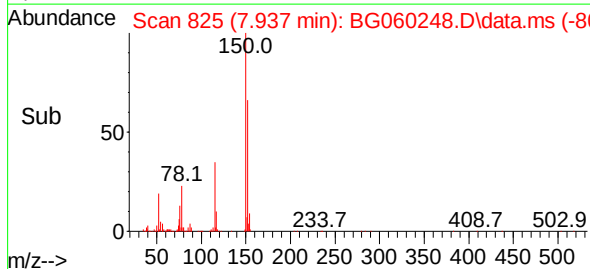
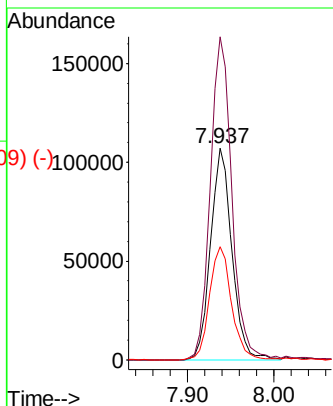
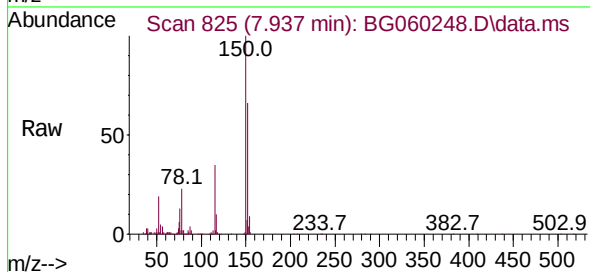




Scan 826 (7.941 min): BG060180.D\data.ms (-817)
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.937 min Scan# 817
 Delta R.T. -0.004 min
 Lab File: BG060248.D
 Acq: 4 Jan 2024 17:00

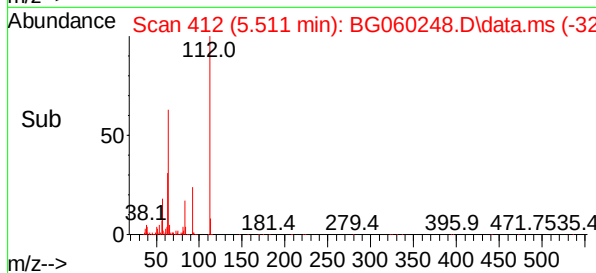
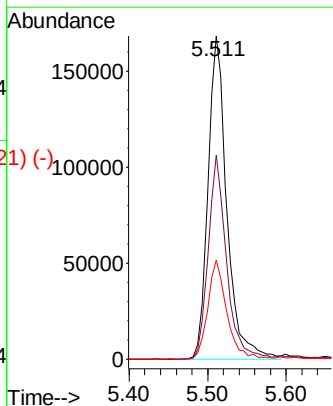
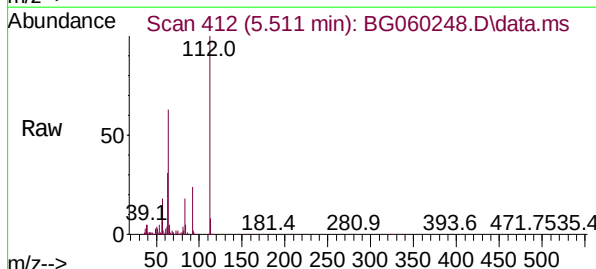
Instrument :
 BNA_G
 ClientSampleId :
 EQ-TANK

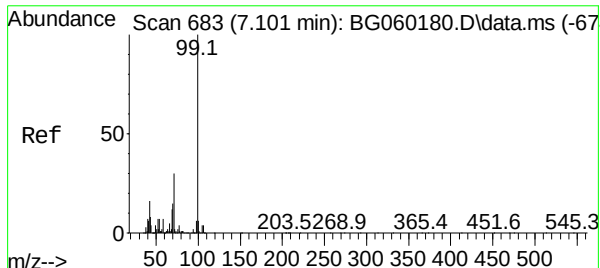
Tgt Ion:	152	Resp:	184636
Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.4	185.0
115	53.5	45.4	68.0



Scan 412 (5.509 min): BG060180.D\data.ms (-404)
 2-Fluorophenol
 Concen: 23.040 ng
 RT: 5.511 min Scan# 412
 Delta R.T. 0.002 min
 Lab File: BG060248.D
 Acq: 4 Jan 2024 17:00

Tgt Ion:	112	Resp:	281840
Ion	Ratio	Lower	Upper
112	100		
64	63.2	52.2	78.4
63	30.7	25.4	38.0

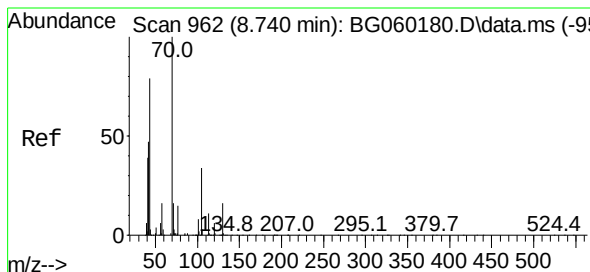
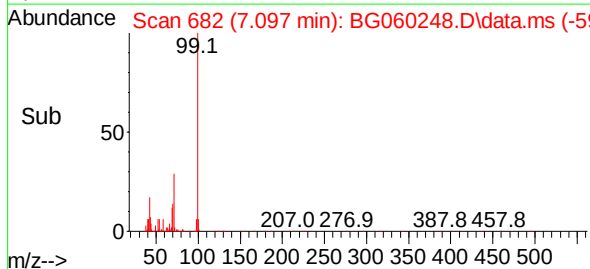
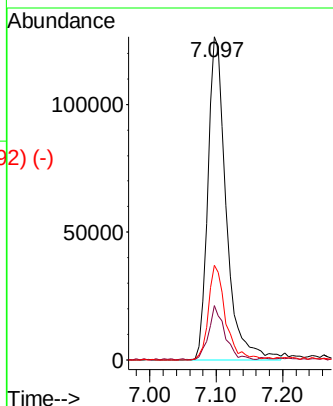
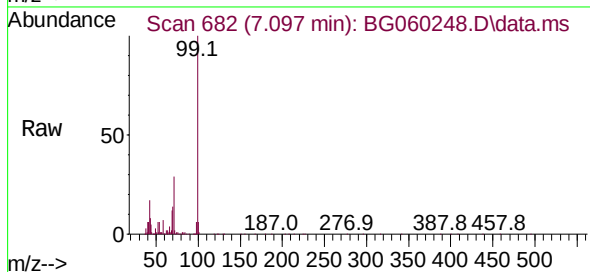




Phenol-d6
 Concen: 13.381 ng
 RT: 7.097 min Scan# 1023
 Delta R.T. -0.004 min
 Lab File: BG060248.D
 Acq: 4 Jan 2024 17:00

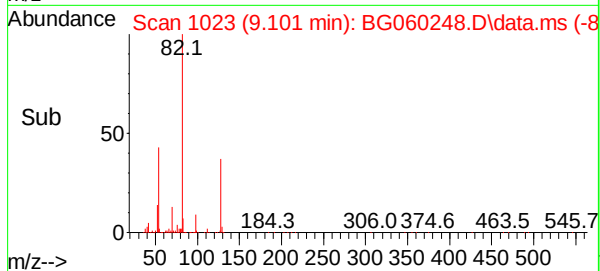
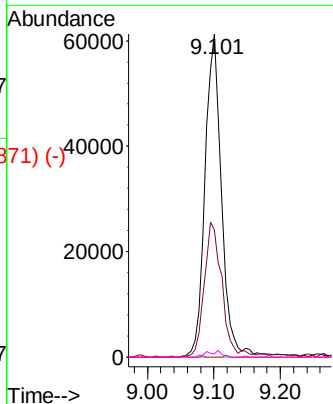
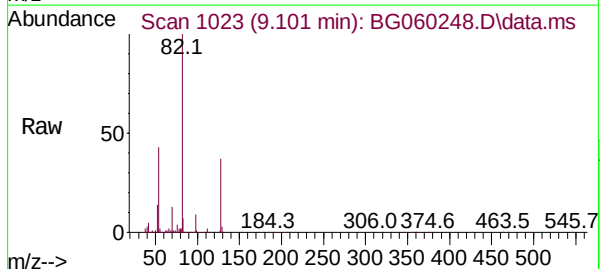
Instrument :
 BNA_G
 ClientSampleId :
 EQ-TANK

Tgt Ion:	99	Resp:	243048
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.5	18.7
71	29.3	24.1	36.1

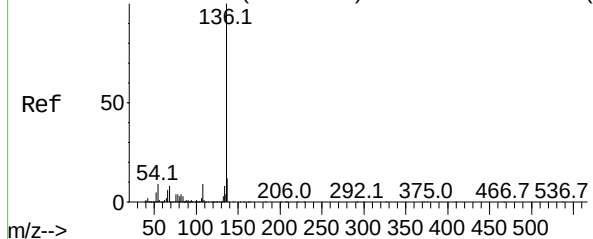


n-Nitroso-di-n-propylamine
 Concen: 8.655 ng
 RT: 9.101 min Scan# 1023
 Delta R.T. 0.361 min
 Lab File: BG060248.D
 Acq: 4 Jan 2024 17:00

Tgt Ion:	70	Resp:	107391
Ion	Ratio	Lower	Upper
70	100		
42	39.3	37.9	56.9
101	0.0	6.2	9.2#
130	1.0	13.0	19.4#



Abundance Scan 1303 (10.744 min): BG060180.D\data.ms (-1224) (-)



Naphthalene-d8

Concen: 20.000 ng

RT: 10.740 min Scan# 1303

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Instrument :

BNA_G

ClientSampleId :

EQ-TANK

Tgt Ion:136 Resp: 747476

Ion	Ratio	Lower	Upper
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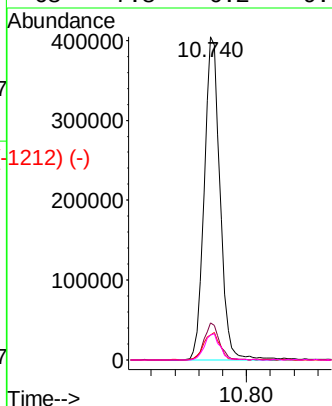
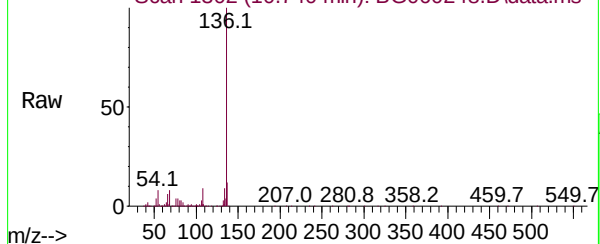
136	100		
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137	11.6	9.4	14.0
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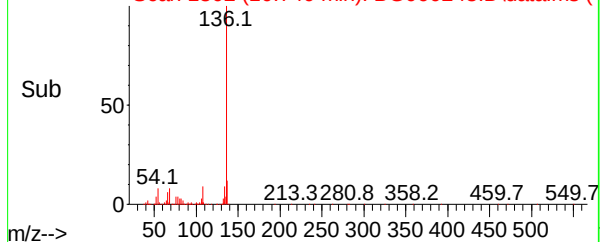
54	7.8	7.4	11.2
----	-----	-----	------

68	7.8	6.2	9.4
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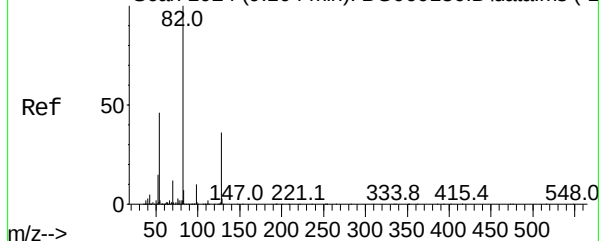
Abundance Scan 1302 (10.740 min): BG060248.D\data.ms



Abundance Scan 1302 (10.740 min): BG060248.D\data.ms (-1212) (-)



Abundance Scan 1024 (9.104 min): BG060180.D\data.ms (-1223) (-)



Nitrobenzene-d5

Concen: 55.570 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Tgt Ion: 82 Resp: 899263

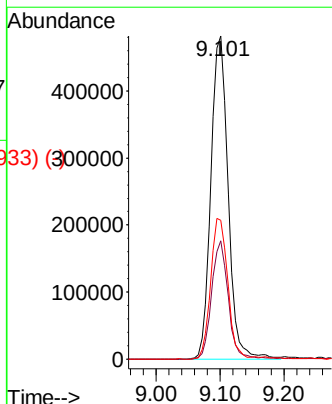
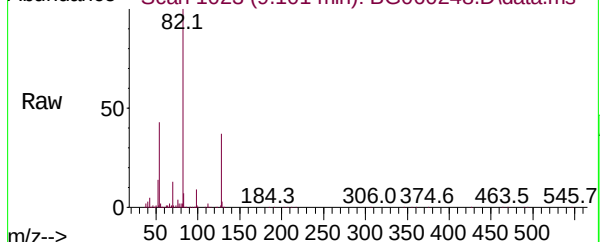
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

82	100		
----	-----	--	--

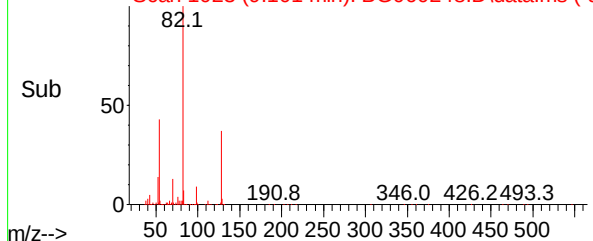
128	36.6	28.7	43.1
-----	------	------	------

54	43.0	36.9	55.3
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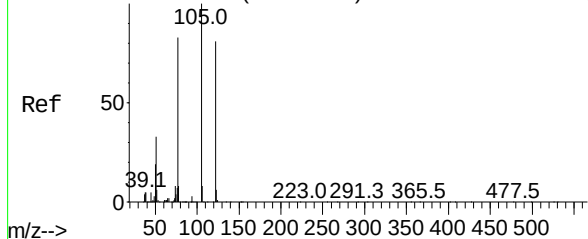
Abundance Scan 1023 (9.101 min): BG060248.D\data.ms



Abundance Scan 1023 (9.101 min): BG060248.D\data.ms (-933) (-)



Abundance Scan 1184 (10.045 min): BG060180.D\data.ms (-1184) (-)

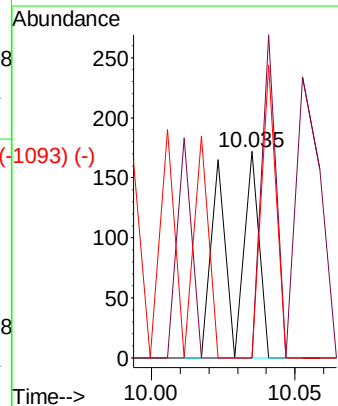
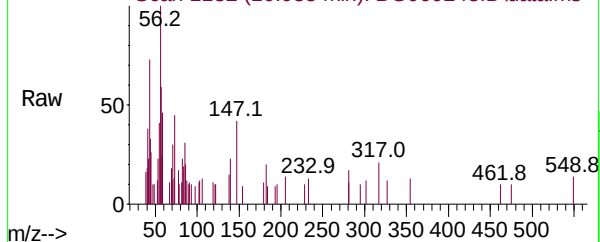


Benzoic acid
Concen: 10.283 ng
RT: 10.035 min Scan# 1182
Delta R.T. -0.010 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

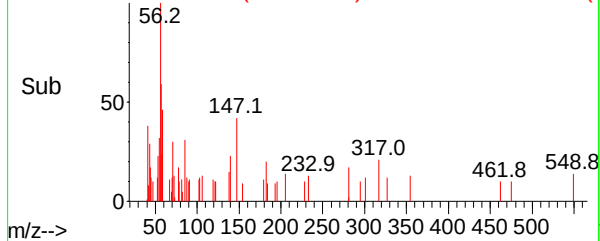
Instrument :
BNA_G
ClientSampleId :
EQ-TANK

Tgt Ion:	122	Resp:	119
Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.2	139.2#
77	0.0	81.0	121.0#

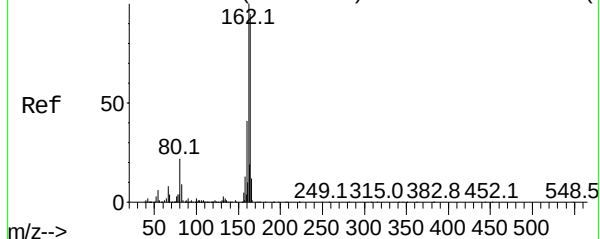
Abundance Scan 1182 (10.035 min): BG060248.D\data.ms



Abundance Scan 1182 (10.035 min): BG060248.D\data.ms (-1093) (-)



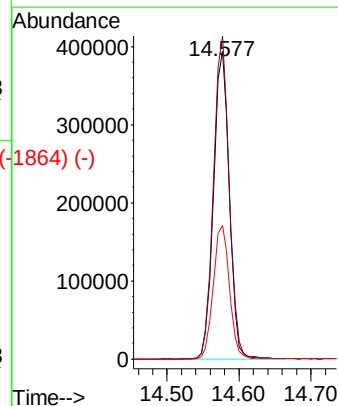
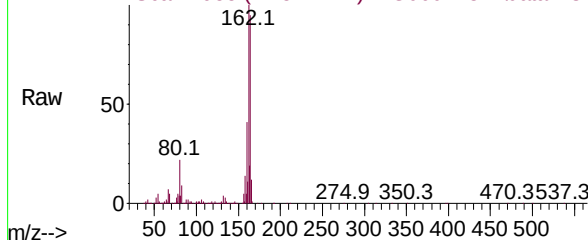
Abundance Scan 1955 (14.575 min): BG060180.D\data.ms (-1939) (-)



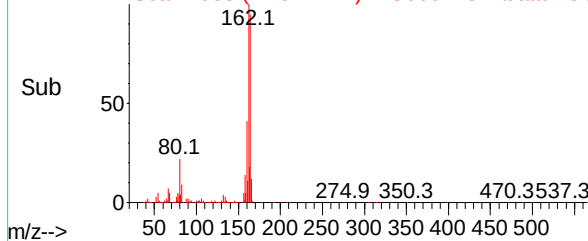
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

Tgt Ion:	164	Resp:	602329
Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.9	125.9
160	43.5	34.2	51.4

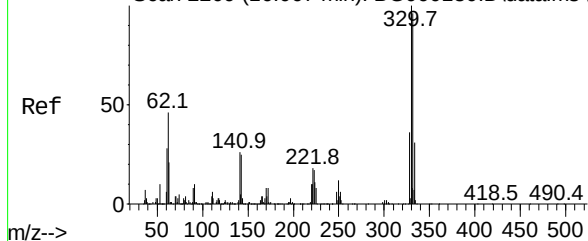
Abundance Scan 1955 (14.577 min): BG060248.D\data.ms



Abundance Scan 1955 (14.577 min): BG060248.D\data.ms (-1864) (-)



Abundance Scan 2209 (16.067 min): BG060180.D\data.ms (-2209) (-)

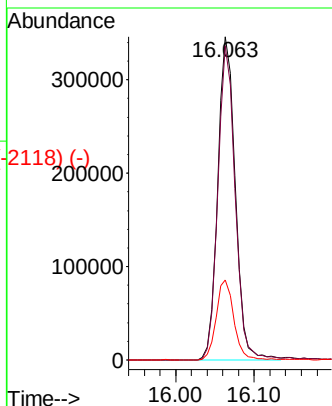
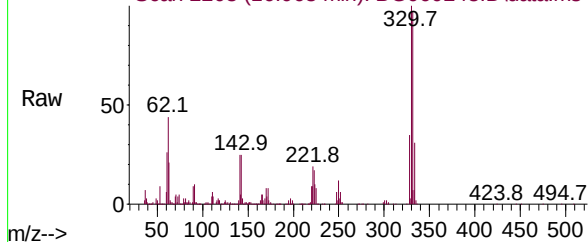


2,4,6-Tribromophenol
Concen: 66.418 ng
RT: 16.063 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

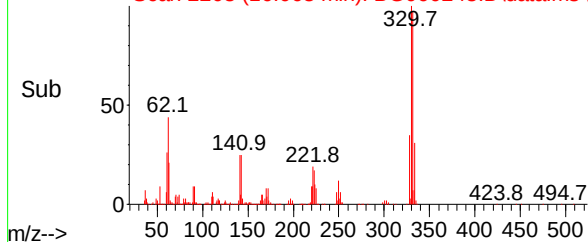
Instrument :
BNA_G
ClientSampleId :
EQ-TANK

Tgt Ion:	330	Resp:	535514
Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	25.3	21.0	31.4

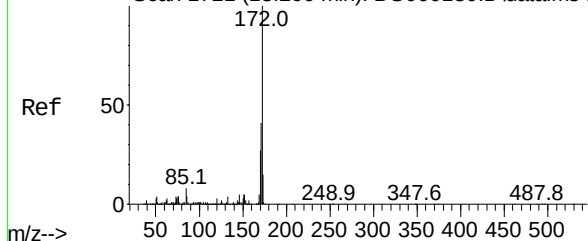
Abundance Scan 2208 (16.063 min): BG060248.D\data.ms



Abundance Scan 2208 (16.063 min): BG060248.D\data.ms (-2218) (-)



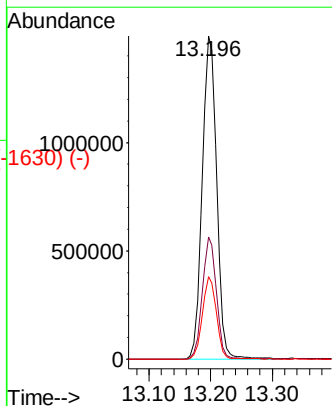
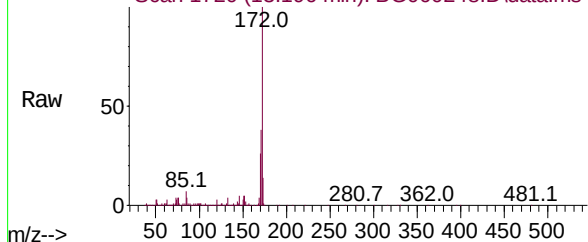
Abundance Scan 1721 (13.200 min): BG060180.D\data.ms (-1715) (-)



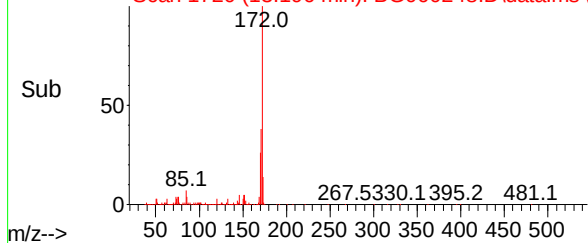
2-Fluorobiphenyl
Concen: 57.896 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060248.D
Acq: 4 Jan 2024 17:00

Tgt Ion:	172	Resp:	2426357
Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.6	48.8
170	25.5	21.8	32.6

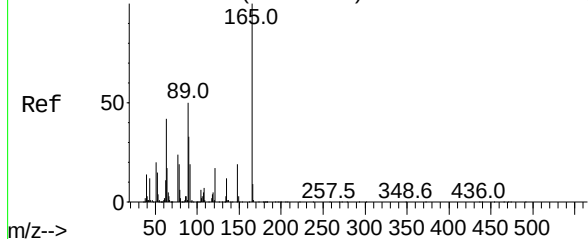
Abundance Scan 1720 (13.196 min): BG060248.D\data.ms



Abundance Scan 1720 (13.196 min): BG060248.D\data.ms (-1630) (-)



Abundance Scan 1883 (14.152 min): BG060180.D\data.ms (-1854) (-)



2,6-Dinitrotoluene

Concen: 8.277 ng

RT: 14.571 min Scan# 1954

Delta R.T. 0.419 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Instrument :

BNL_G

ClientSampleId :

EQ-TANK

Tgt Ion:165 Resp: 80057

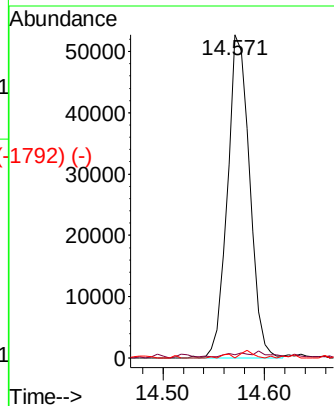
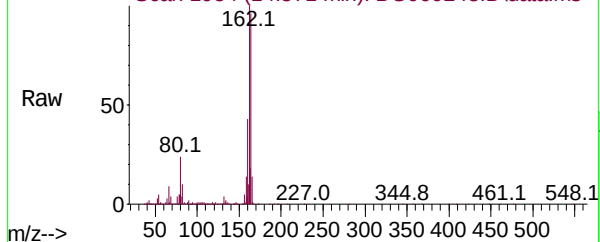
Ion Ratio Lower Upper

165 100

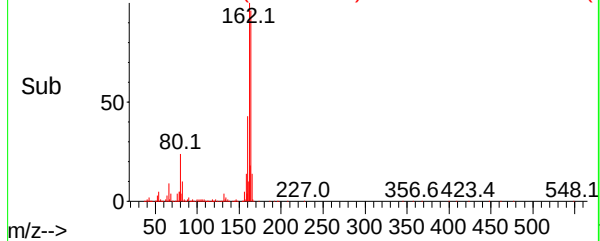
63 0.9 39.3 58.9#

89 0.0 39.8 59.8#

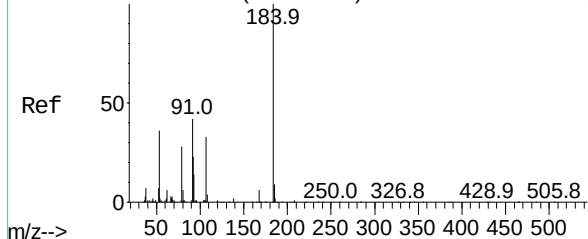
Abundance Scan 1954 (14.571 min): BG060248.D\data.ms



Abundance Scan 1954 (14.571 min): BG060248.D\data.ms (-1792) (-)



Abundance Scan 1973 (14.680 min): BG060180.D\data.ms (-1954) (-)



2,4-Dinitrophenol

Concen: 8.245 ng

RT: 14.718 min Scan# 1979

Delta R.T. 0.038 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Tgt Ion:184 Resp: 56

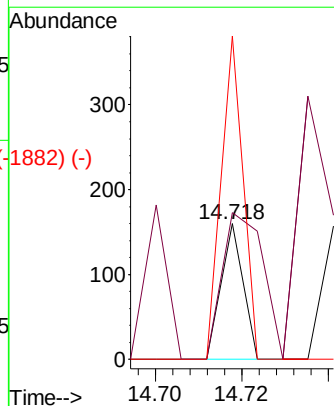
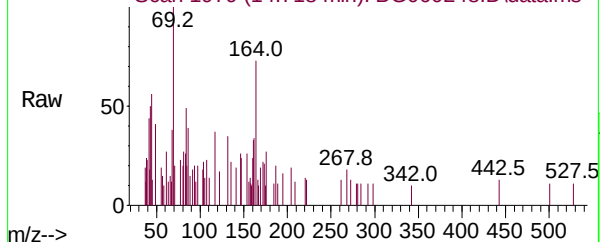
Ion Ratio Lower Upper

184 100

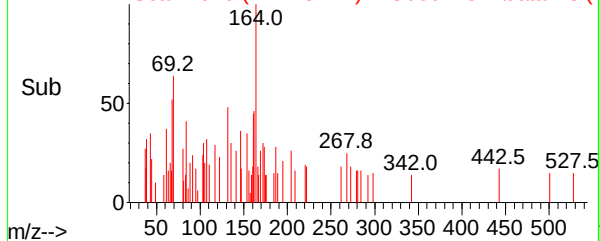
63 108.1 45.4 68.2#

154 238.1 40.0 60.0#

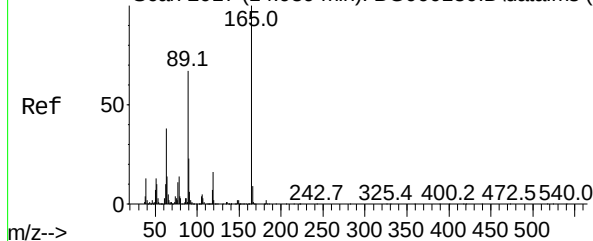
Abundance Scan 1979 (14.718 min): BG060248.D\data.ms



Abundance Scan 1979 (14.718 min): BG060248.D\data.ms (-1882) (-)



Abundance Scan 2017 (14.939 min): BG060180.D\data.ms (-2057) (-)



2,4-Dinitrotoluene

Concen: 6.087 ng

RT: 14.571 min Scan# 1954

Delta R.T. -0.368 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Instrument :

BNA_G

ClientSampleId :

EQ-TANK

Tgt Ion:165 Resp: 80057

Ion Ratio Lower Upper

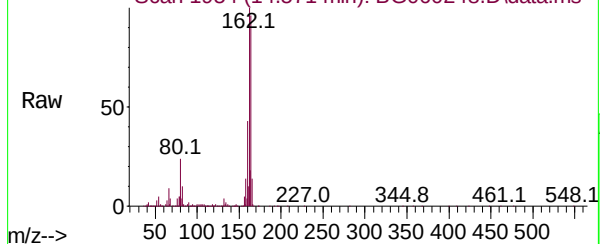
165 100

63 0.9 31.0 46.6#

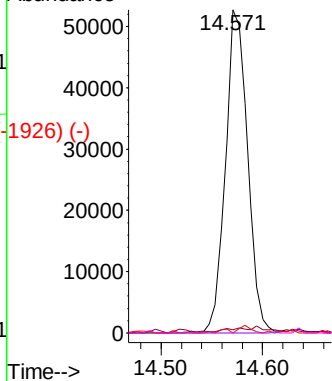
89 0.0 53.3 79.9#

182 0.0 1.7 2.5#

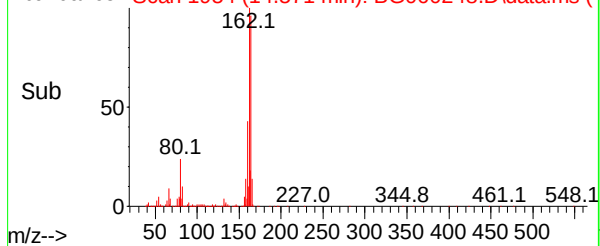
Abundance Scan 1954 (14.571 min): BG060248.D\data.ms



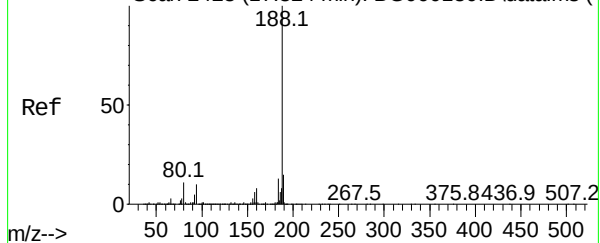
Abundance



Abundance Scan 1954 (14.571 min): BG060248.D\data.ms (-1926) (-)



Abundance Scan 2423 (17.324 min): BG060180.D\data.ms (-2464) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2422

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Tgt Ion:188 Resp: 1604501

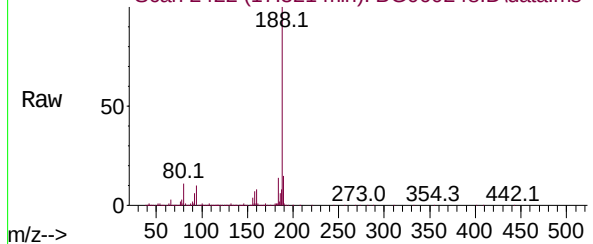
Ion Ratio Lower Upper

188 100

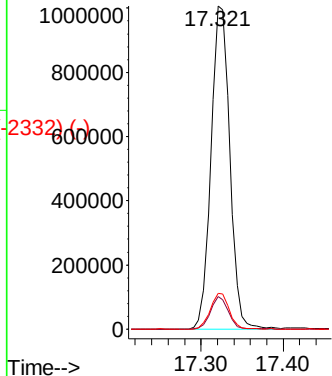
94 10.0 7.8 11.6

80 11.2 8.6 13.0

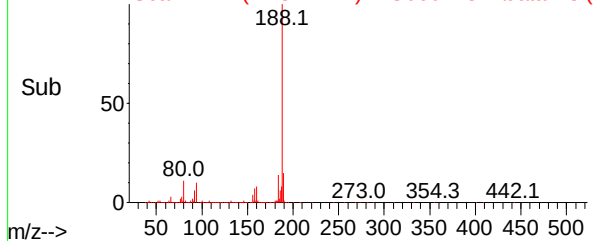
Abundance Scan 2422 (17.321 min): BG060248.D\data.ms



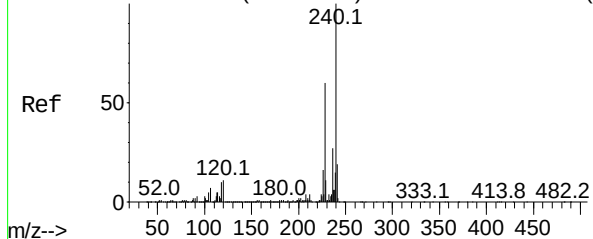
Abundance



Abundance Scan 2422 (17.321 min): BG060248.D\data.ms (-2332) (-)



Abundance Scan 3149 (21.590 min): BG060180.D\data.ms (-3179) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan#

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Instrument :

BNA_G

ClientSampleId :

EQ-TANK

Tgt Ion:240 Resp: 1502878

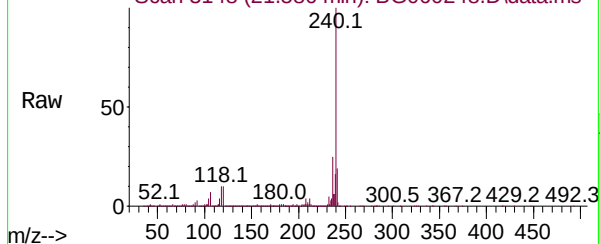
Ion Ratio Lower Upper

240 100

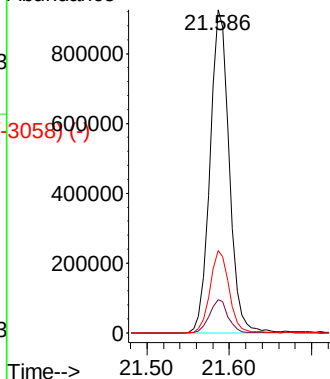
120 10.2 8.5 12.7

236 25.5 21.4 32.2

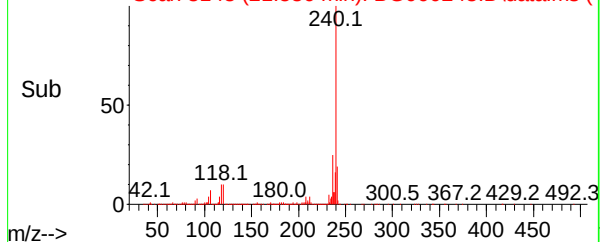
Abundance Scan 3148 (21.586 min): BG060248.D\data.ms



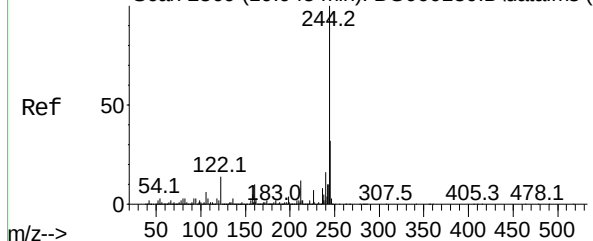
Abundance



Abundance Scan 3148 (21.586 min): BG060248.D\data.ms (-3058) (-)



Abundance Scan 2869 (19.945 min): BG060180.D\data.ms (-2679) (-)



Terphenyl-d14

Concen: 58.995 ng

RT: 19.941 min Scan# 2868

Delta R.T. -0.004 min

Lab File: BG060248.D

Acq: 4 Jan 2024 17:00

Tgt Ion:244 Resp: 4611828

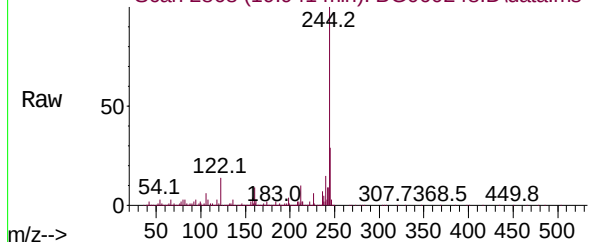
Ion Ratio Lower Upper

244 100

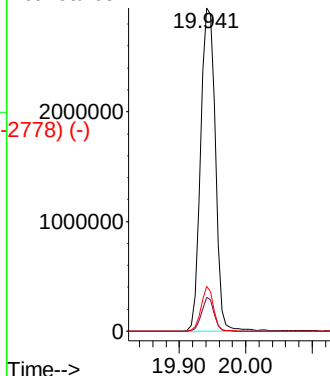
212 10.5 9.5 14.3

122 13.8 11.4 17.2

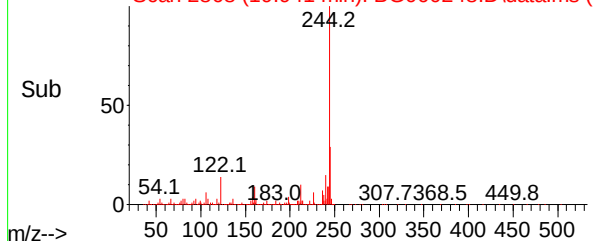
Abundance Scan 2868 (19.941 min): BG060248.D\data.ms

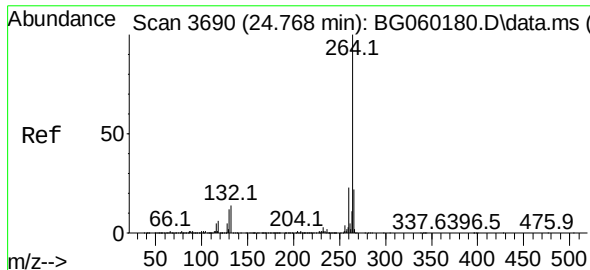


Abundance



Abundance Scan 2868 (19.941 min): BG060248.D\data.ms (-2778) (-)





Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 3689
 Delta R.T. -0.004 min
 Lab File: BG060248.D
 Acq: 4 Jan 2024 17:00

Instrument :
 BNA_G
 ClientSampleId :
 EQ-TANK

Tgt Ion:264 Resp: 1728606

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 21.6 17.4 26.0

