

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022122\
 Data File : BP009230.D
 Acq On : 21 Feb 2022 12:28
 Operator : CG/JU
 Sample : PB142358BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142358BL

Quant Time: Feb 22 01:49:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

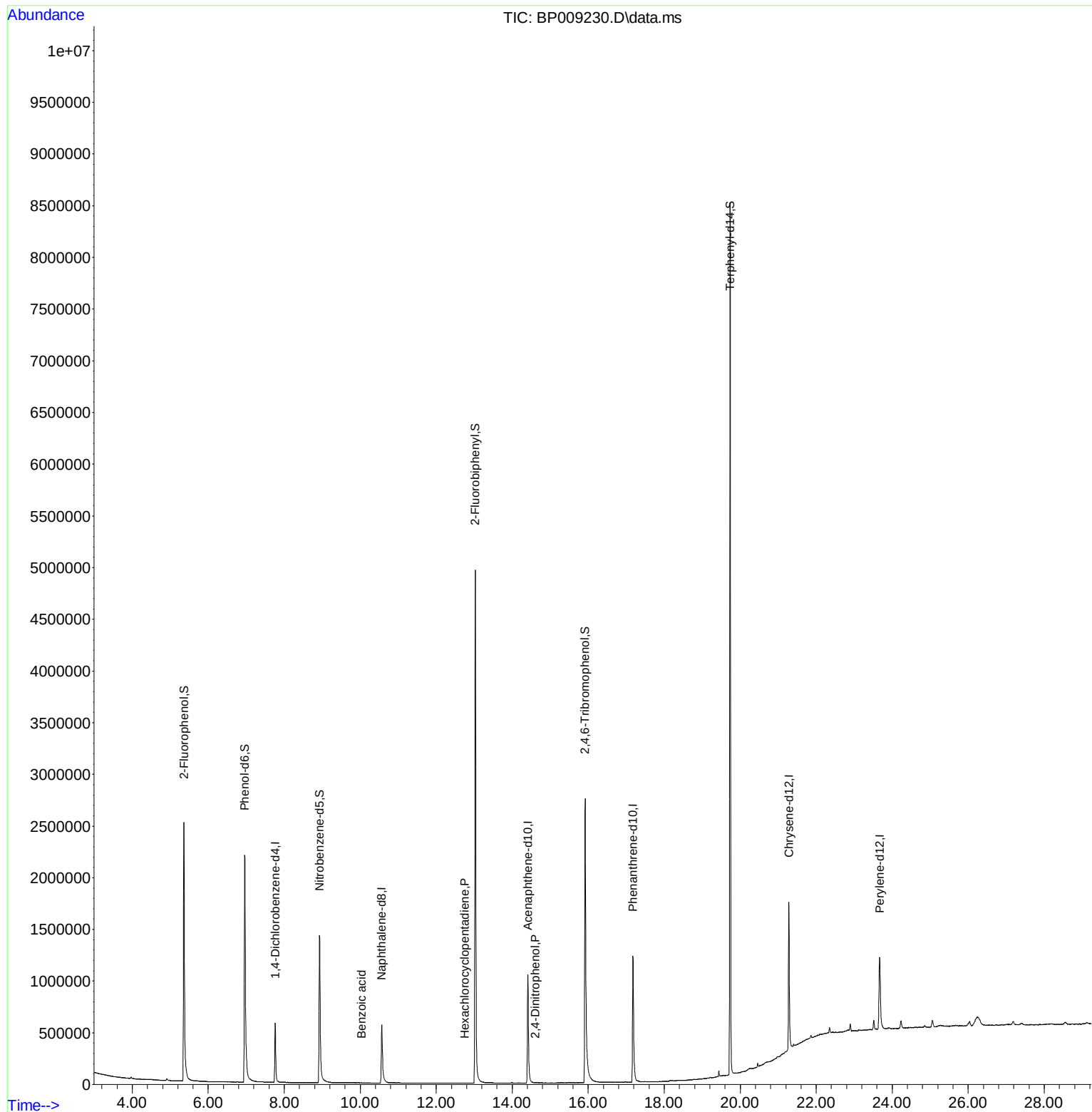
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	191472	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	743693	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	516738	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1111345	20.000	ng	0.00
76) Chrysene-d12	21.280	240	902602	20.000	ng	0.00
86) Perylene-d12	23.668	264	762510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1504368	140.151	ng	0.00
7) Phenol-d6	6.958	99	1870269	132.233	ng	0.00
23) Nitrobenzene-d5	8.928	82	1143388	86.702	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	903249	130.917	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3180997	86.176	ng	0.00
79) Terphenyl-d14	19.733	244	4660118	92.847	ng	-0.01
Target Compounds						
32) Benzoic acid	10.034	122	45	2.695	ng	# 1
41) Hexachlorocyclopentadiene	12.745	237	41	8.662	ng	78
54) 2,4-Dinitrophenol	14.604	184	15	2.171	ng	# 14

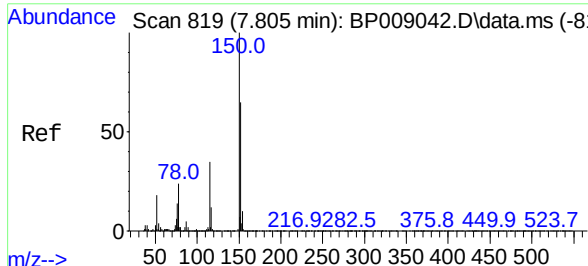
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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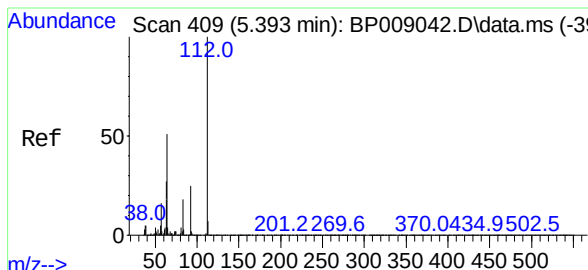
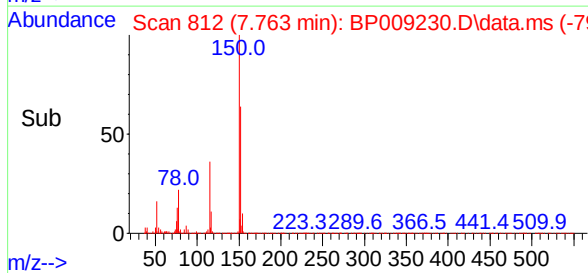
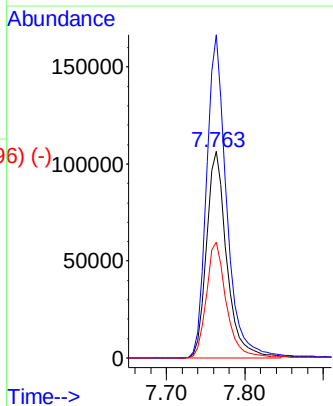
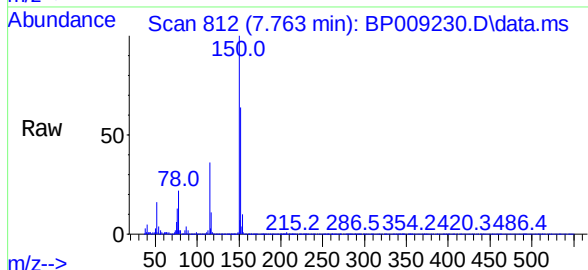




Scan 819 (7.805 min): BP009042.D\data.ms (-810) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BP009230.D
 Acq: 21 Feb 2022 12:28

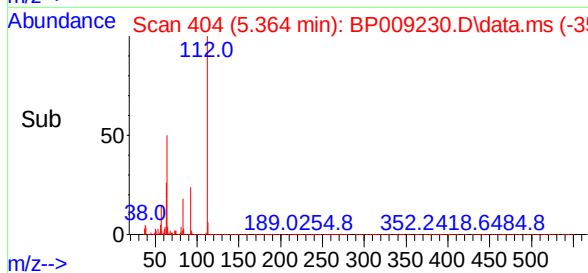
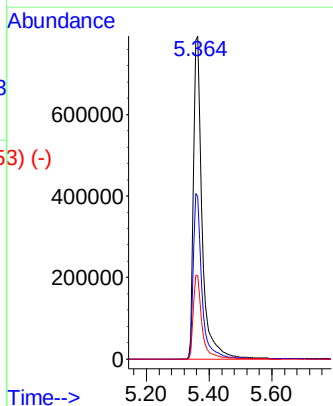
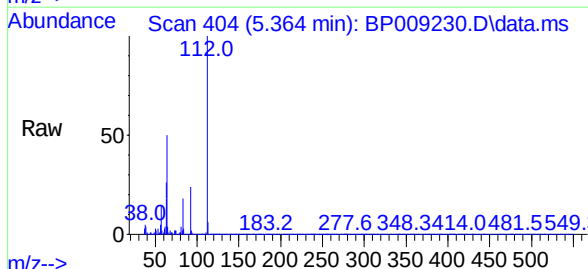
Instrument :
 BNA_P
 ClientSampleId :
 PB142358BL

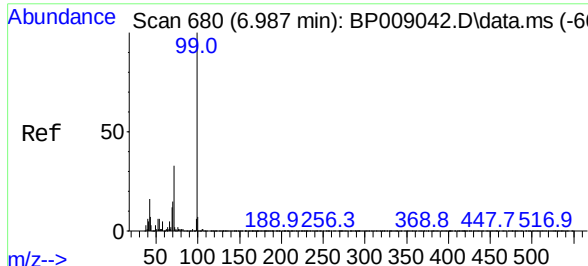
Tgt Ion:	152	Resp:	191472
Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.0	190.6
115	56.2	43.7	65.5



Scan 409 (5.393 min): BP009042.D\data.ms (-397) #5
 2-Fluorophenol
 Concen: 140.151 ng
 RT: 5.364 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: BP009230.D
 Acq: 21 Feb 2022 12:28

Tgt Ion:	112	Resp:	1504368
Ion	Ratio	Lower	Upper
112	100		
64	50.2	39.7	59.5
63	26.0	20.0	30.0



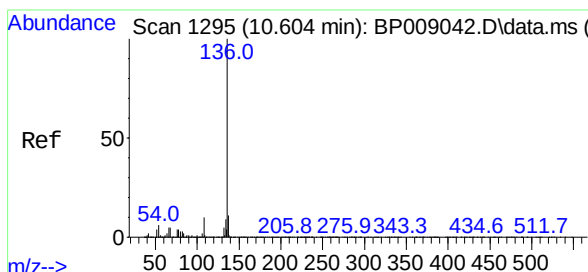
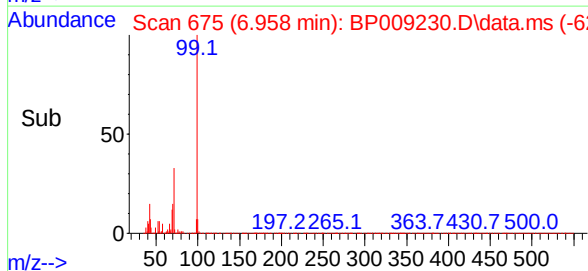
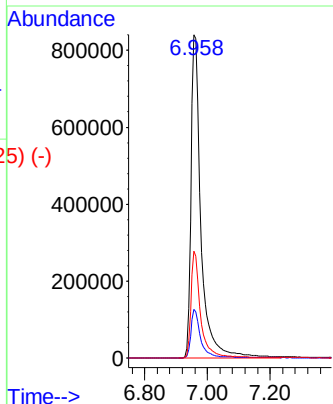
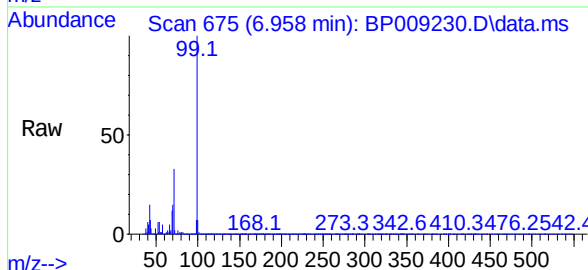


Phenol-d6
 Concen: 132.233 ng
 RT: 6.958 min Scan# 1224
 Delta R.T. -0.006 min
 Lab File: BP009230.D
 Acq: 21 Feb 2022 12:28

Instrument :
 BNA_P
 ClientSampleId :
 PB142358BL

Tgt Ion: 99 Resp: 1870269

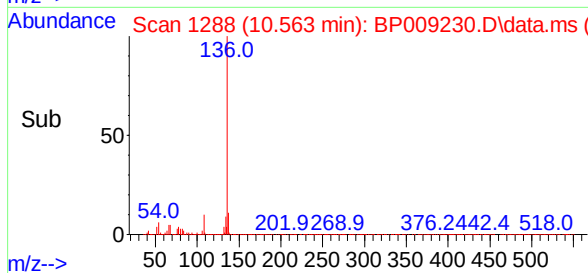
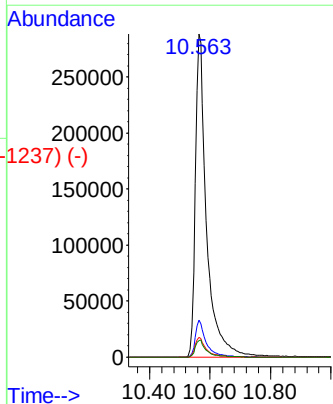
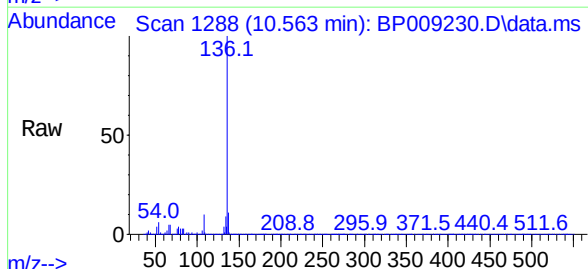
Ion	Ratio	Lower	Upper
99	100		
42	14.9	10.8	16.2
71	33.0	23.8	35.6

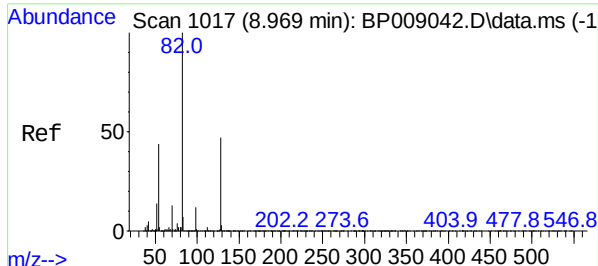


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.563 min Scan# 1288
 Delta R.T. -0.000 min
 Lab File: BP009230.D
 Acq: 21 Feb 2022 12:28

Tgt Ion: 136 Resp: 743693

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.1	4.9	7.3
68	5.1	4.3	6.5





Nitrobenzene-d5

Concen: 86.702 ng

RT: 8.928 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

Instrument :

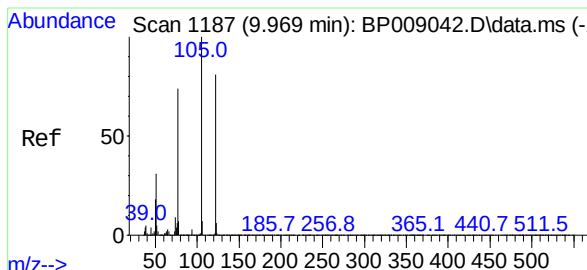
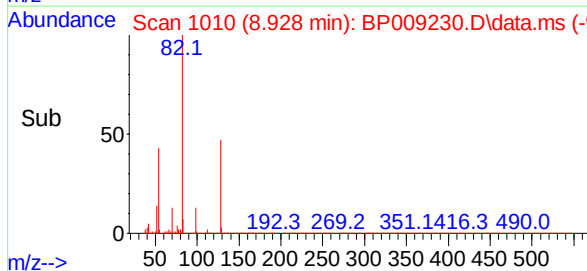
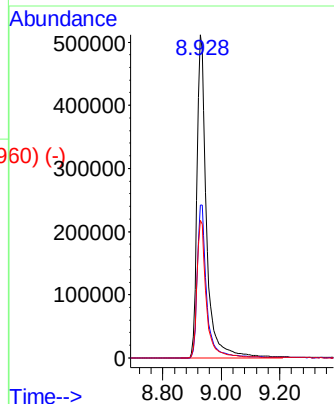
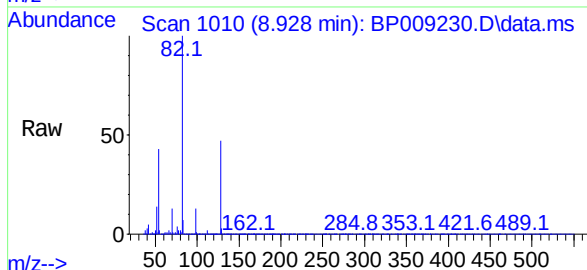
BNP_P

ClientSampleId :

PB142358BL

Tgt Ion: 82 Resp: 1143388

Ion	Ratio	Lower	Upper
82	100		
128	47.4	39.4	59.2
54	42.6	32.6	48.8



Benzoic acid

Concen: 2.695 ng

RT: 10.034 min Scan# 1198

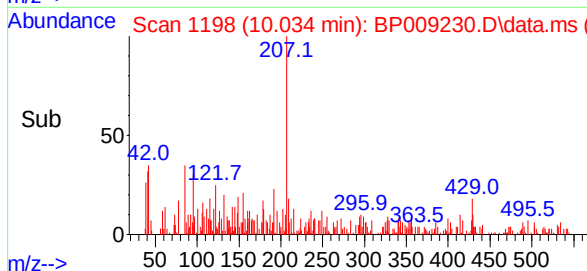
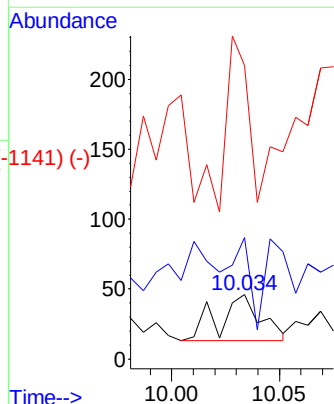
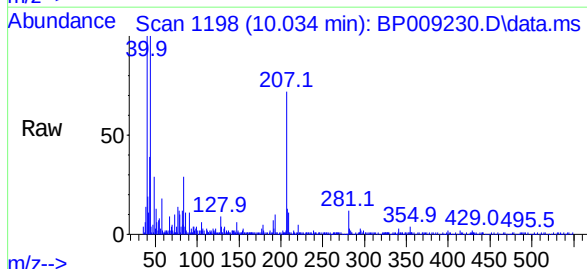
Delta R.T. 0.035 min

Lab File: BP009230.D

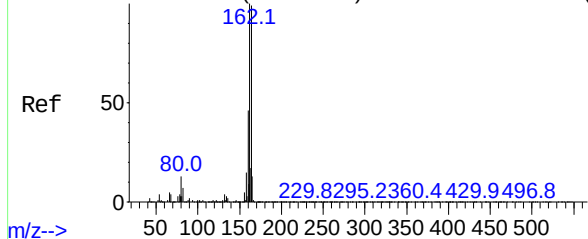
Acq: 21 Feb 2022 12:28

Tgt Ion:122 Resp: 45

Ion	Ratio	Lower	Upper
122	100		
105	164.2	100.1	140.1#
77	396.2	65.5	105.5#



Abundance Scan 1948 (14.445 min): BP009042.D\data.ms (-1939) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan#

Delta R.T. -0.000 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

Instrument :

BNA_P

ClientSampleId :

PB142358BL

Tgt Ion:164 Resp: 516738

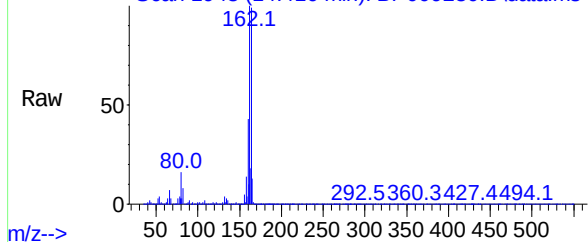
Ion Ratio Lower Upper

164 100

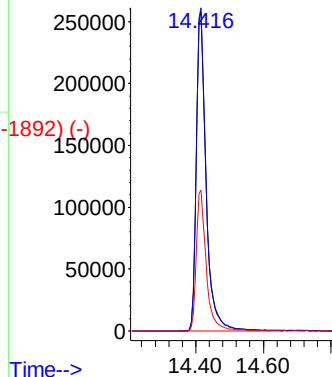
162 101.3 79.9 119.9

160 44.0 35.5 53.3

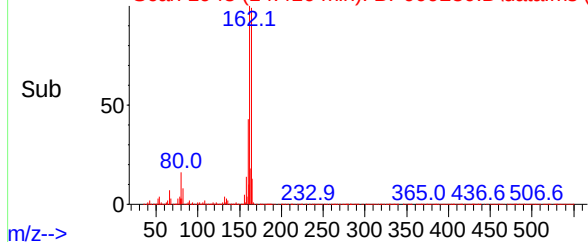
Abundance Scan 1943 (14.416 min): BP009230.D\data.ms



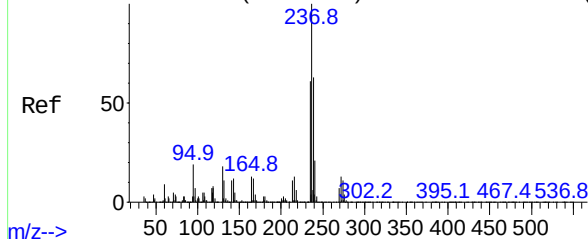
Abundance



Abundance Scan 1943 (14.416 min): BP009230.D\data.ms (-1892) (-)



Abundance Scan 1637 (12.616 min): BP009042.D\data.ms (-1620) (-)



Hexachlorocyclopentadiene

Concen: 8.662 ng

RT: 12.745 min Scan# 1659

Delta R.T. 0.170 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

Tgt Ion:237 Resp: 41

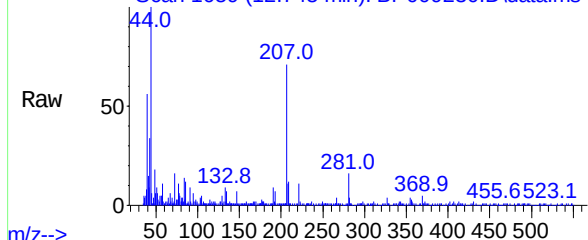
Ion Ratio Lower Upper

237 100

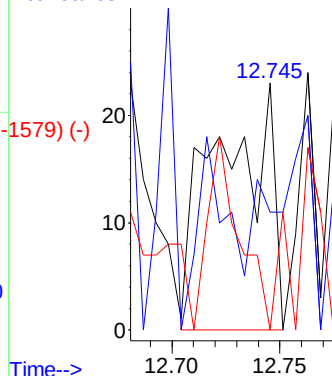
235 47.8 42.9 82.9

272 0.0 0.0 33.8

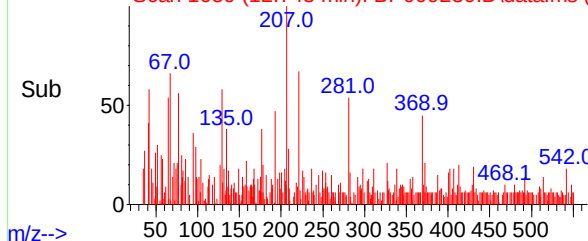
Abundance Scan 1659 (12.745 min): BP009230.D\data.ms



Abundance



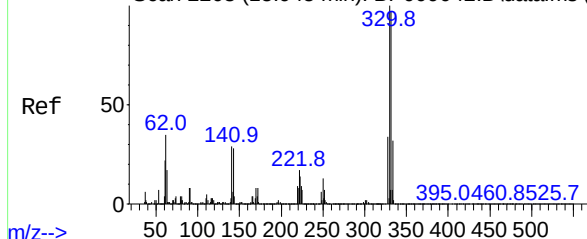
Abundance Scan 1659 (12.745 min): BP009230.D\data.ms (-1579) (-)



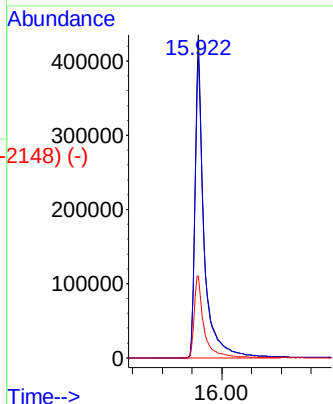
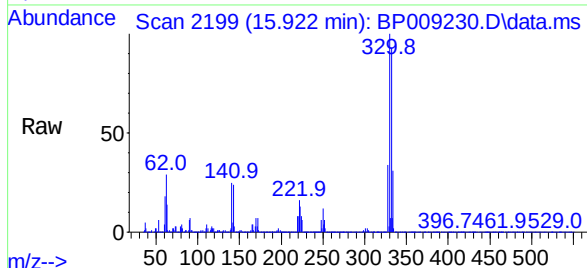
Abundance Scan 2203 (15.945 min): BP009042.D\data.ms (-2194) (-)

2,4,6-Tribromophenol
Concen: 130.917 ng
RT: 15.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP009230.D
Acq: 21 Feb 2022 12:28

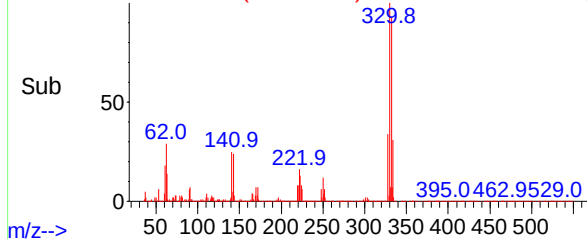
Instrument :
BNA_P
ClientSampleId :
PB142358BL



Tgt Ion:	330	Resp:	903249
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.4
141	27.7	21.3	31.9



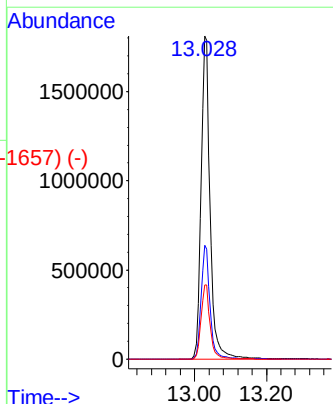
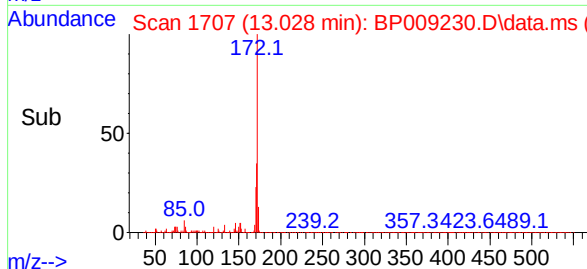
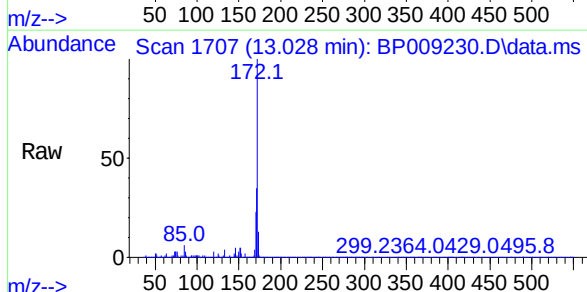
Abundance Scan 2199 (15.922 min): BP009230.D\data.ms (-2148) (-)



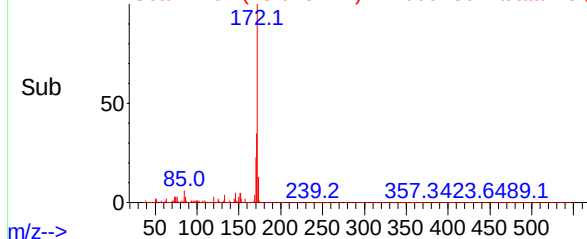
Abundance Scan 1714 (13.069 min): BP009042.D\data.ms (-1705) (-)

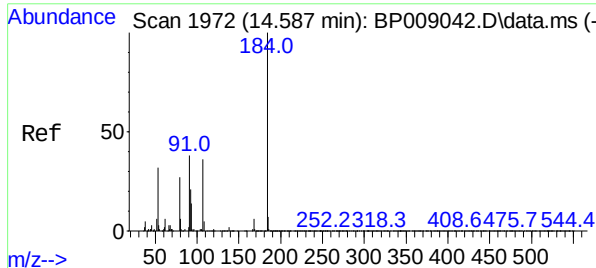
2-Fluorobiphenyl
Concen: 86.176 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009230.D
Acq: 21 Feb 2022 12:28

Tgt Ion:	172	Resp:	3180997
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	22.9	19.5	29.3



Abundance Scan 1707 (13.028 min): BP009230.D\data.ms (-1657) (-)





2,4-Dinitrophenol

Concen: 2.171 ng

RT: 14.604 min Scan#

Delta R.T. 0.017 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

Instrument :

BNA_P

ClientSampleId :

PB142358BL

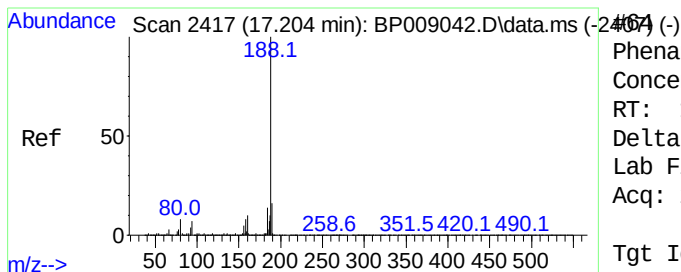
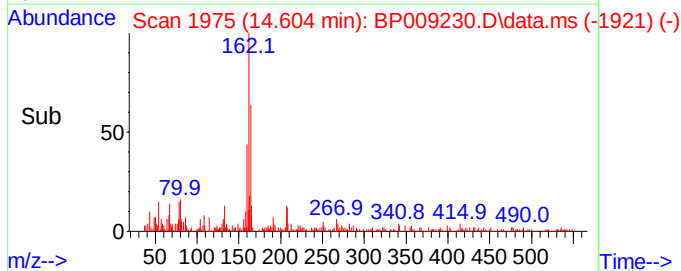
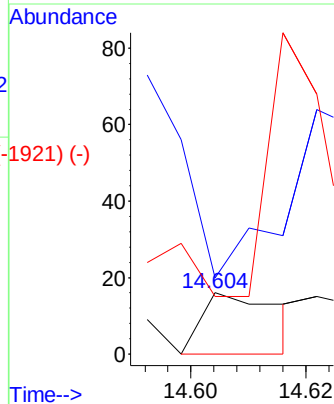
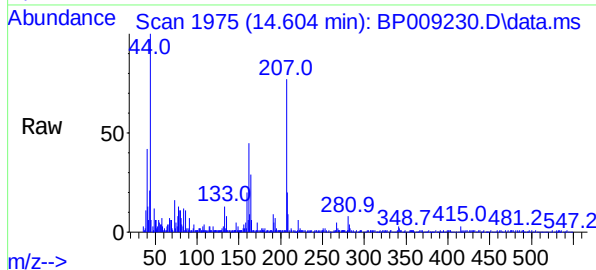
Tgt Ion:184 Resp: 15

Ion Ratio Lower Upper

184 100

63 125.0 35.6 53.4#

154 93.8 43.4 65.0#



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

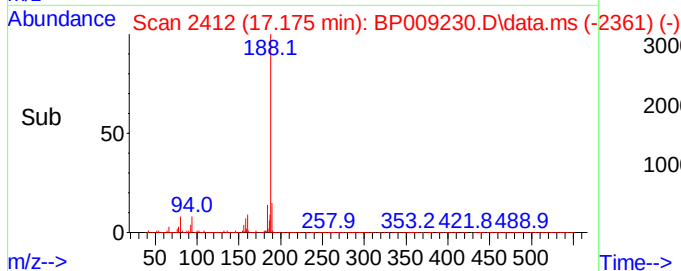
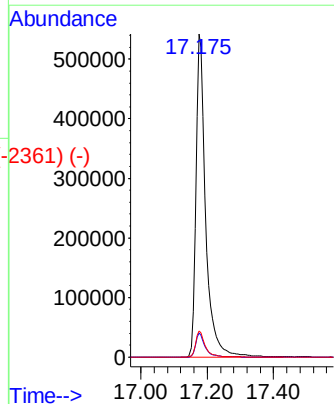
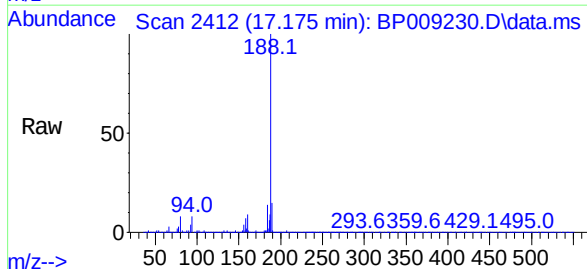
Tgt Ion:188 Resp: 1111345

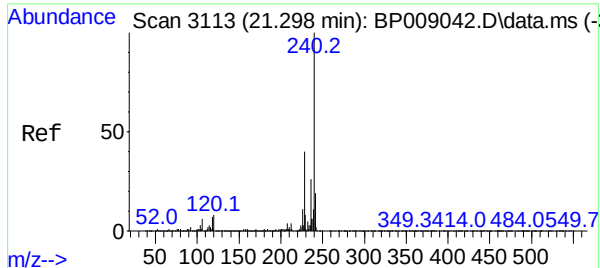
Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

80 8.2 7.2 10.8





Chrysene-d12

Concen: 20.000 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

Instrument :

BNA_P

ClientSampleId :

PB142358BL

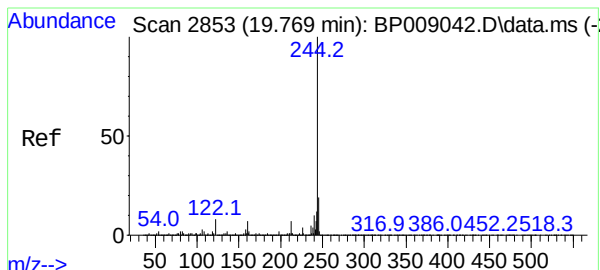
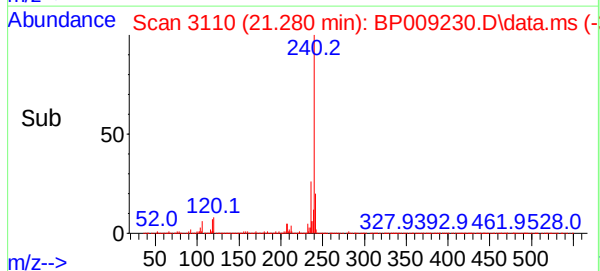
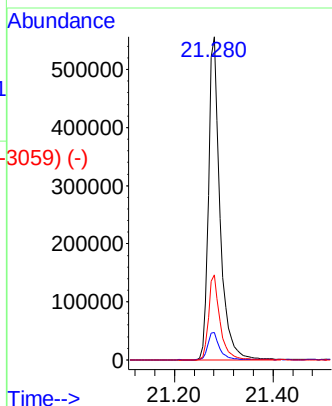
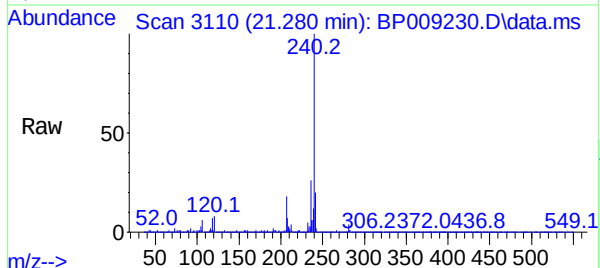
Tgt Ion:240 Resp: 902602

Ion Ratio Lower Upper

240 100

120 8.5 7.7 11.5

236 26.2 21.2 31.8



Terphenyl-d14

Concen: 92.847 ng

RT: 19.733 min Scan# 2847

Delta R.T. -0.012 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

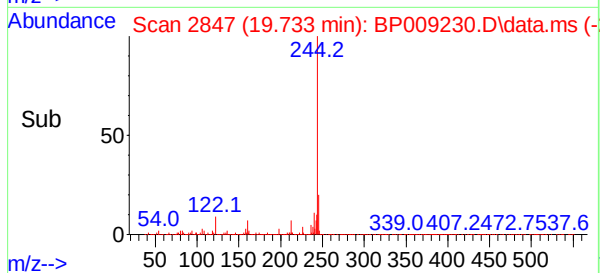
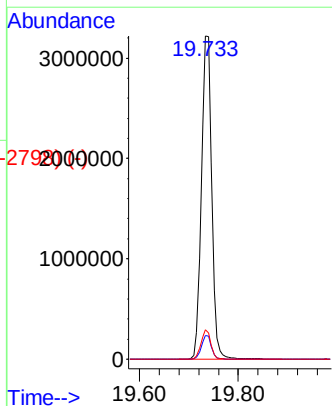
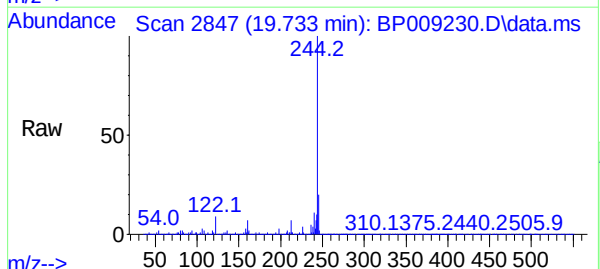
Tgt Ion:244 Resp: 4660118

Ion Ratio Lower Upper

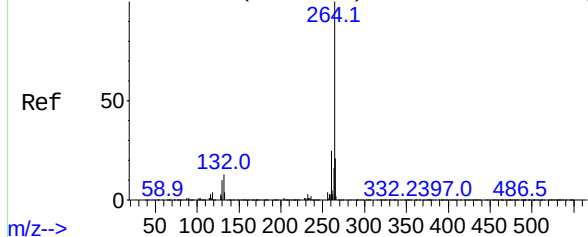
244 100

212 7.4 6.5 9.7

122 9.2 9.2 13.8#



Abundance Scan 3520 (23.692 min): BP009042.D\data.ms (-3506)



Perylene-d12

Concen: 20.000 ng

RT: 23.668 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP009230.D

Acq: 21 Feb 2022 12:28

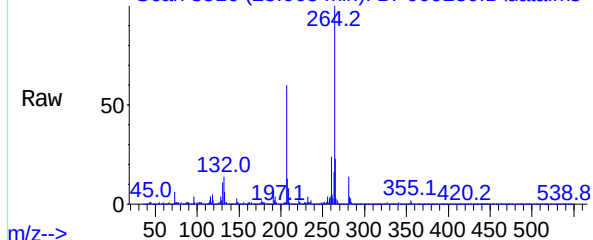
Instrument :

BNA_P

ClientSampleId :

PB142358BL

Abundance Scan 3516 (23.668 min): BP009230.D\data.ms



Tgt Ion:264 Resp: 762510

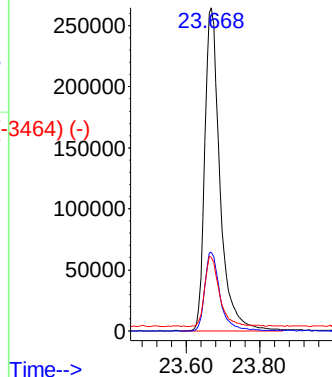
Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.8 17.1 25.7

Abundance



Abundance Scan 3516 (23.668 min): BP009230.D\data.ms (-3464) (-)

