

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009184.D
 Acq On : 16 Feb 2022 18:18
 Operator : CG/JU
 Sample : N1535-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 368

Quant Time: Feb 17 01:59:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

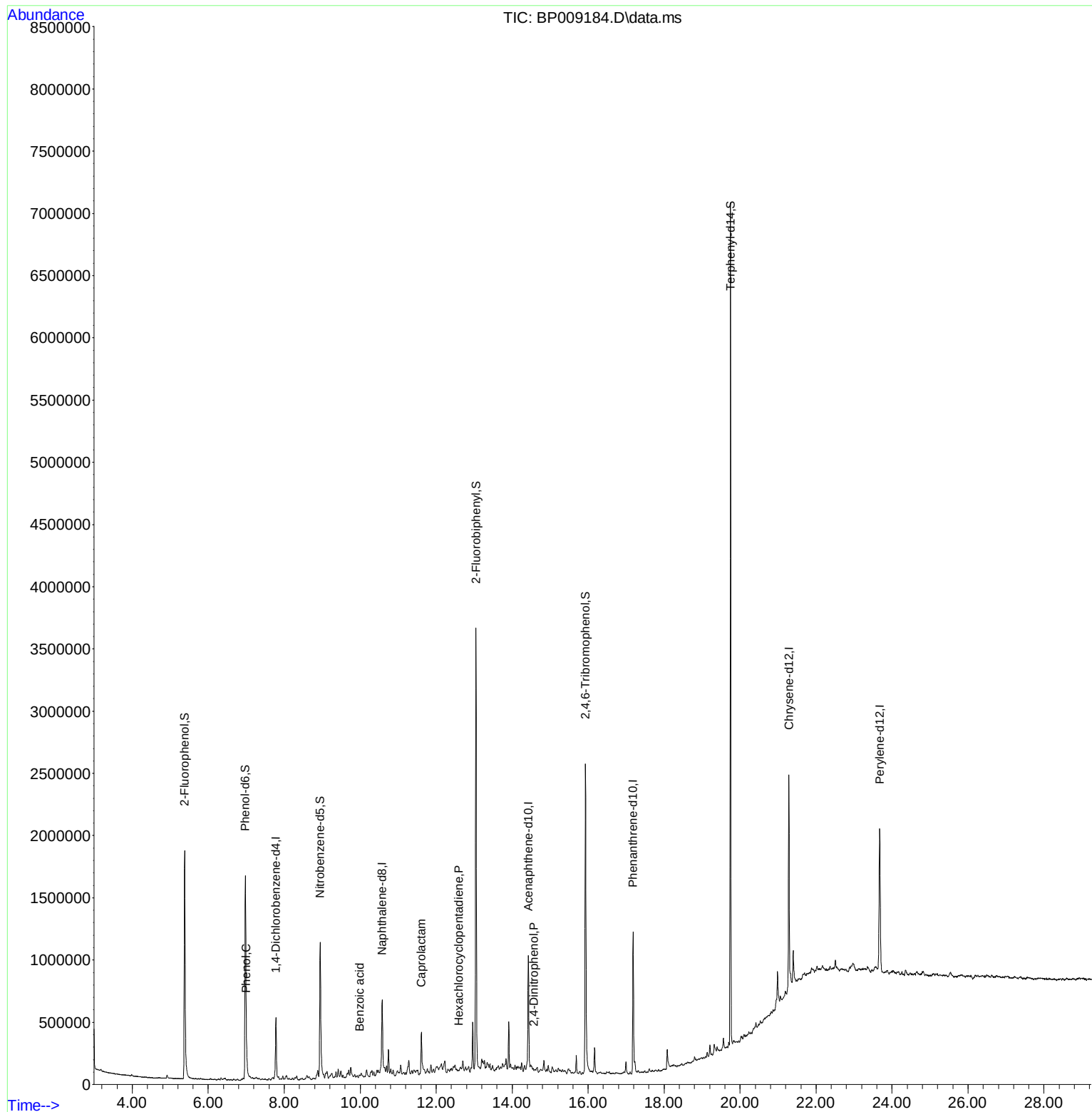
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	157364	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	572736	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	370639	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	789524	20.000	ng	0.00
76) Chrysene-d12	21.286	240	895356	20.000	ng	0.00
86) Perylene-d12	23.674	264	965039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1036804	117.527	ng	0.00
7) Phenol-d6	6.975	99	1322278	113.752	ng	0.00
23) Nitrobenzene-d5	8.946	82	785413	77.335	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	654500	132.257	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2068932	78.143	ng	0.00
79) Terphenyl-d14	19.751	244	3402610	68.342	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.005	94	24483	2.095	ng	# 41
32) Benzoic acid	9.993	122	116	2.711	ng	# 1
35) Caprolactam	11.610	113	16601	6.102	ng	# 53
41) Hexachlorocyclopentadiene	12.598	237	22	8.660	ng	# 64
54) 2,4-Dinitrophenol	14.575	184	48	2.187	ng	# 1

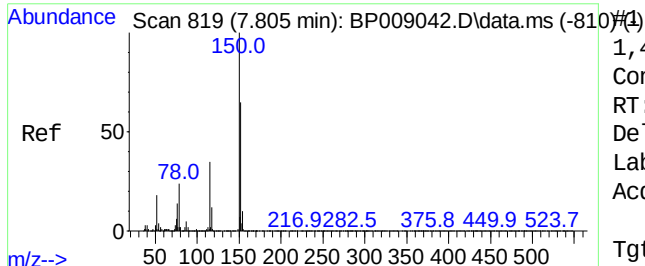
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
368

Quant Time: Feb 17 01:59:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

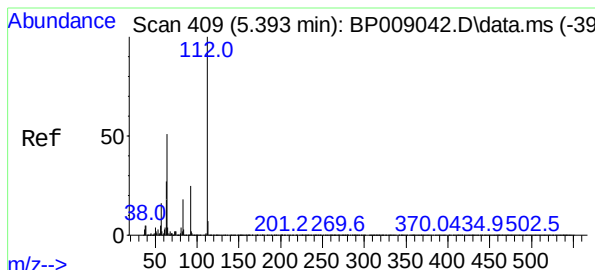
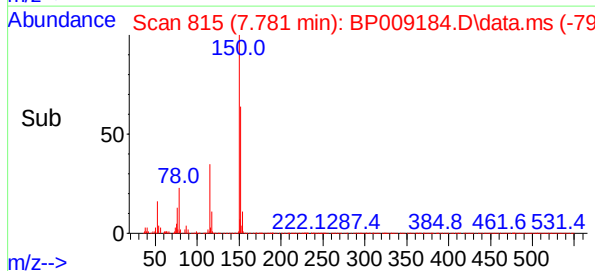
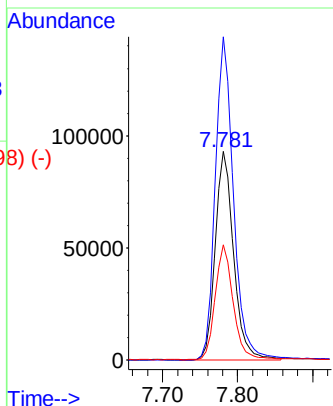
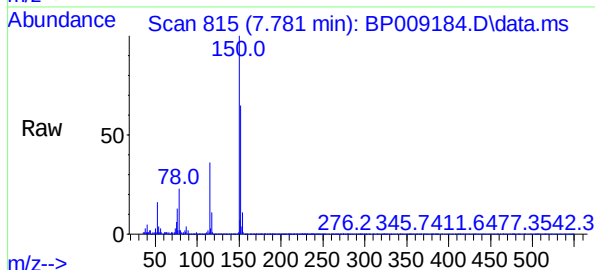




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009184.D
Acq: 16 Feb 2022 18:18

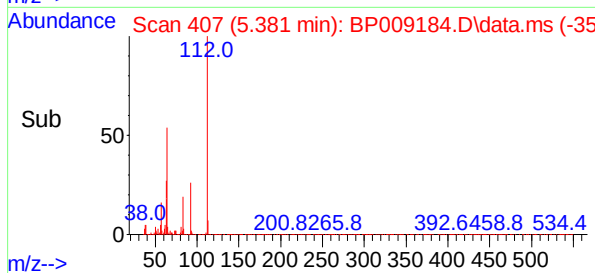
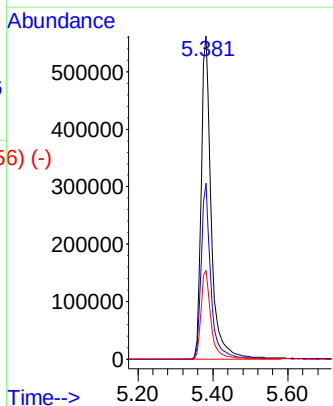
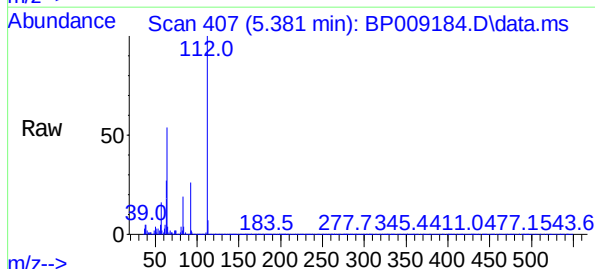
Instrument :
BNA_P
ClientSampleId :
368

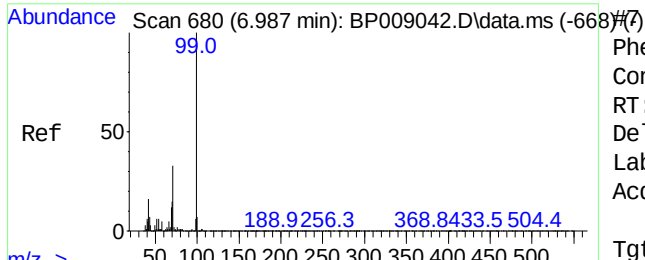
Tgt Ion:152 Resp: 157364
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.6
115 55.2 43.7 65.5



2-Fluorophenol
Concen: 117.527 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP009184.D
Acq: 16 Feb 2022 18:18

Tgt Ion:112 Resp: 1036804
Ion Ratio Lower Upper
112 100
64 54.4 39.7 59.5
63 27.4 20.0 30.0



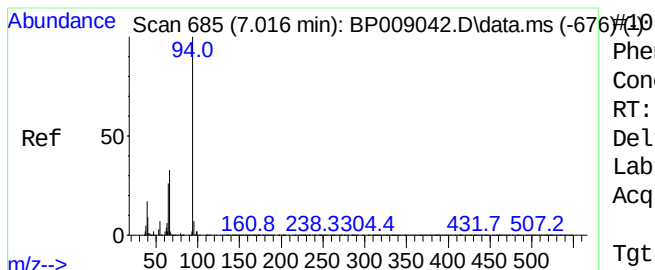
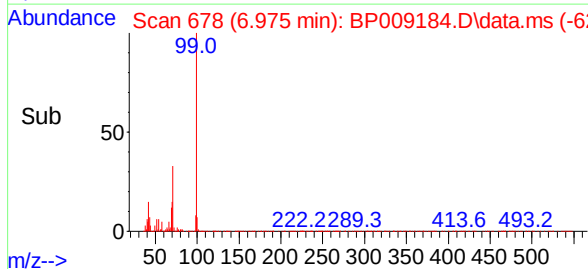
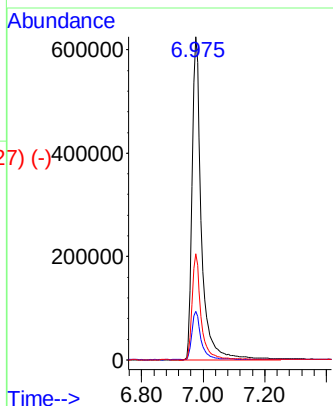
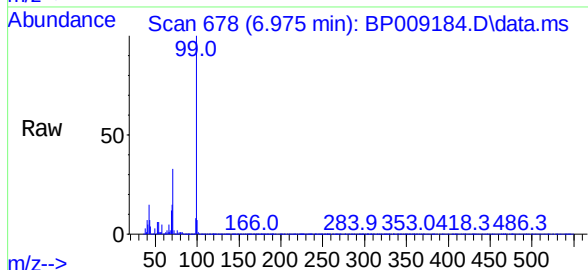


Phenol-d6
 Concen: 113.752 ng
 RT: 6.975 min Scan# 680
 Delta R.T. 0.000 min
 Lab File: BP009184.D
 Acq: 16 Feb 2022 18:18

Instrument :
 BNA_P
 ClientSampleId :
 368

Tgt Ion: 99 Resp: 1322278

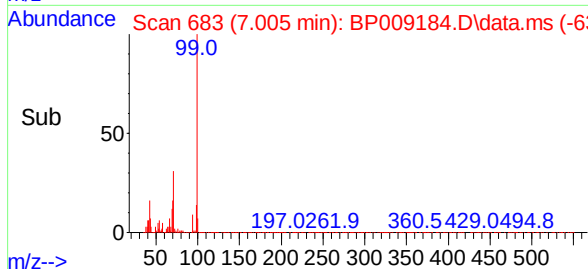
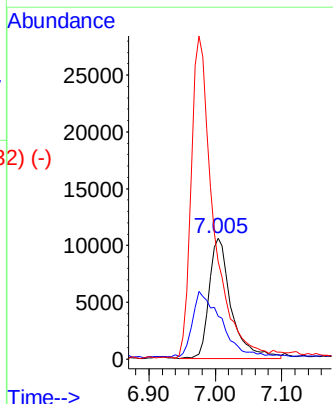
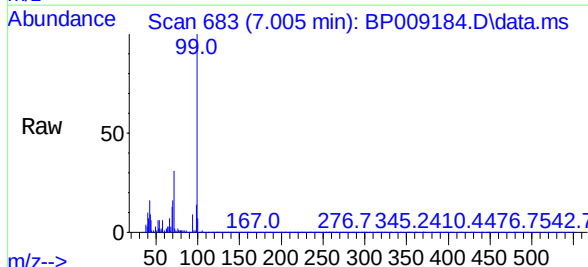
Ion	Ratio	Lower	Upper
99	100		
42	15.1	10.8	16.2
71	32.8	23.8	35.6

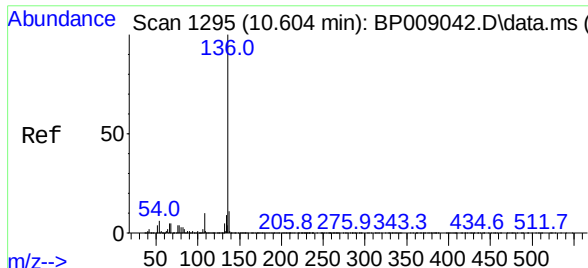


Phenol
 Concen: 2.095 ng
 RT: 7.005 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: BP009184.D
 Acq: 16 Feb 2022 18:18

Tgt Ion: 94 Resp: 24483

Ion	Ratio	Lower	Upper
94	100		
65	35.6	4.1	44.1
66	80.1	12.4	52.4

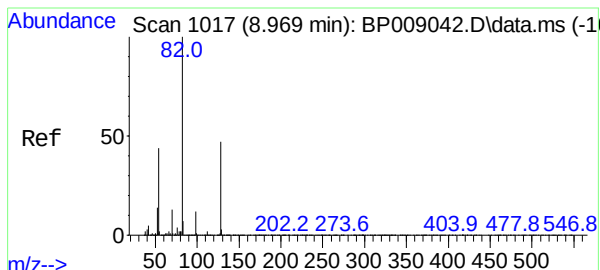
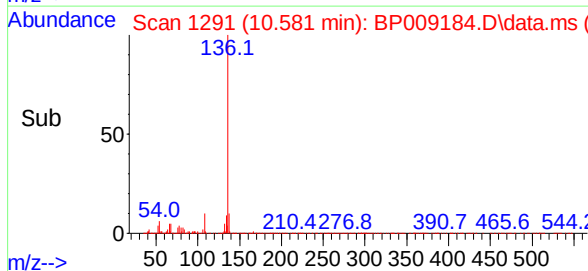
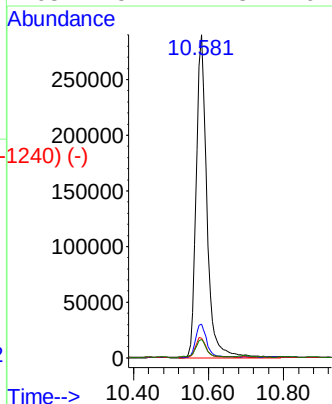
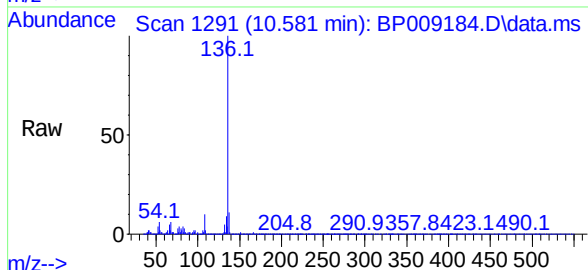




Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009184.D
Acq: 16 Feb 2022 18:18

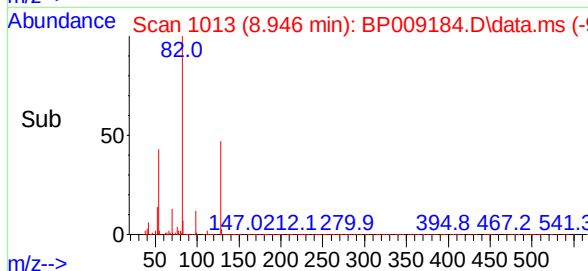
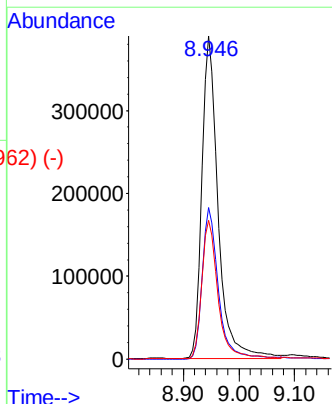
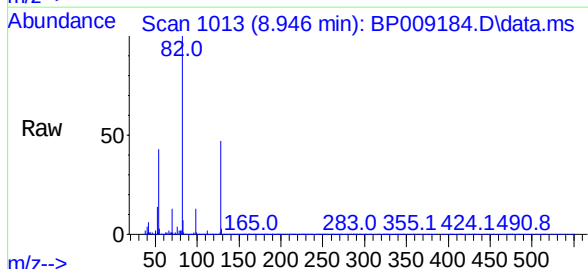
Instrument :
BNA_P
ClientSampleId :
368

Tgt Ion:	136	Resp:	572736
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.1	4.9	7.3
68	5.7	4.3	6.5

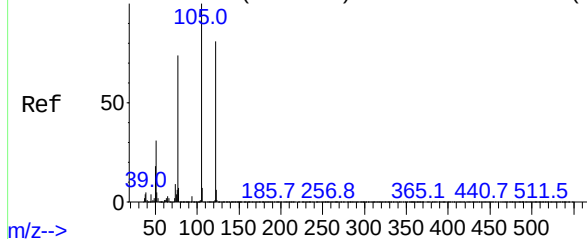


Nitrobenzene-d5
Concen: 77.335 ng
RT: 8.946 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP009184.D
Acq: 16 Feb 2022 18:18

Tgt Ion:	82	Resp:	785413
Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.4	59.2
54	43.0	32.6	48.8



Abundance Scan 1187 (9.969 min): BP009042.D\data.ms (-11732-)



Benzoic acid

Concen: 2.711 ng

RT: 9.993 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP009184.D

Acq: 16 Feb 2022 18:18

Instrument :

BNA_P

ClientSampleId :

368

Tgt Ion:122 Resp: 116

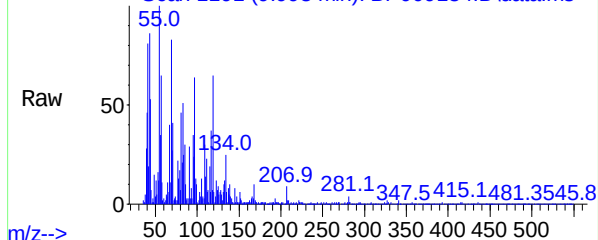
Ion Ratio Lower Upper

122 100

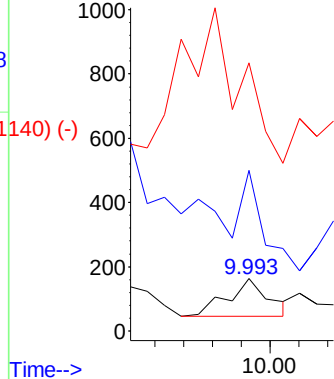
105 307.4 100.1 140.1#

77 511.7 65.5 105.5#

Abundance Scan 1191 (9.993 min): BP009184.D\data.ms

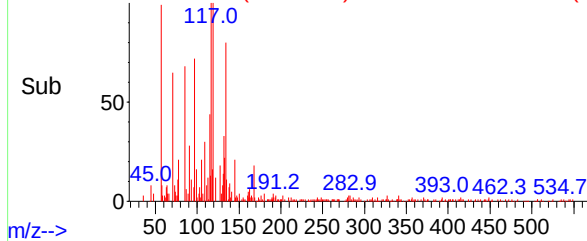


Abundance



m/z-->

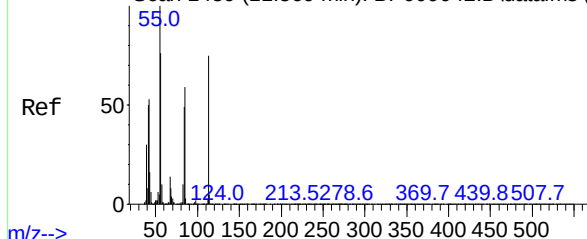
Abundance Scan 1191 (9.993 min): BP009184.D\data.ms (-1140) (-)



m/z-->

Time-->

Abundance Scan 1459 (11.569 min): BP009042.D\data.ms (-1435-)



Caprolactam

Concen: 6.102 ng

RT: 11.610 min Scan# 1466

Delta R.T. 0.041 min

Lab File: BP009184.D

Acq: 16 Feb 2022 18:18

Tgt Ion:113 Resp: 16601

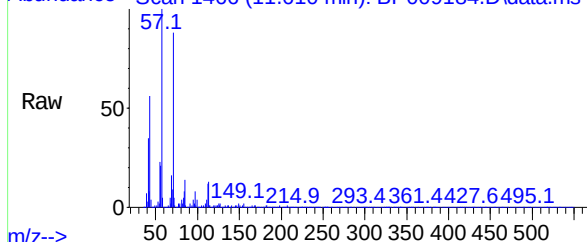
Ion Ratio Lower Upper

113 100

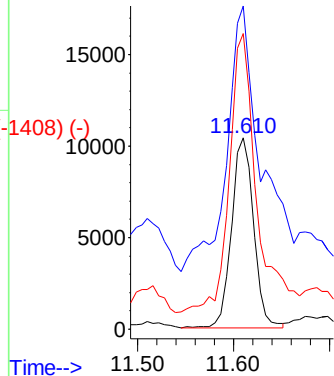
55 168.8 107.1 147.1#

56 154.5 74.1 114.1#

Abundance Scan 1466 (11.610 min): BP009184.D\data.ms

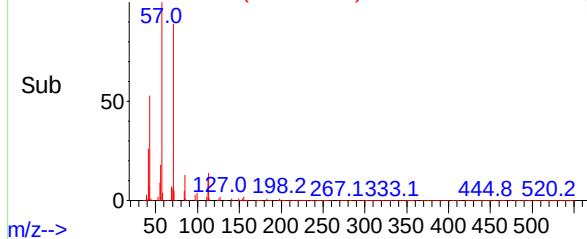


Abundance



m/z-->

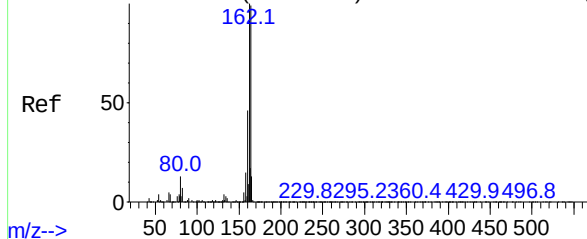
Abundance Scan 1466 (11.610 min): BP009184.D\data.ms (-1408) (-)



m/z-->

Time-->

Abundance Scan 1948 (14.445 min): BP009042.D\data.ms (-1894) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009184.D

Acq: 16 Feb 2022 18:18

Instrument :

BNA_P

ClientSampleId :

368

Tgt Ion:164 Resp: 370639

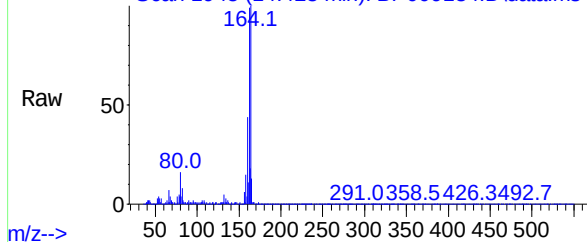
Ion Ratio Lower Upper

164 100

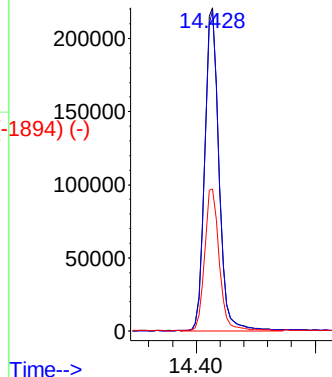
162 99.2 79.9 119.9

160 44.0 35.5 53.3

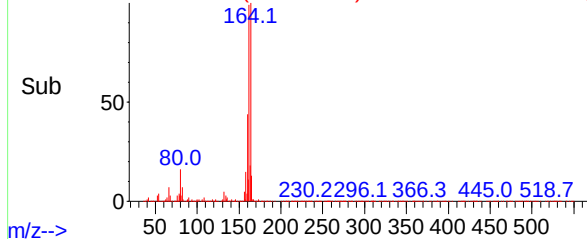
Abundance Scan 1945 (14.428 min): BP009184.D\data.ms



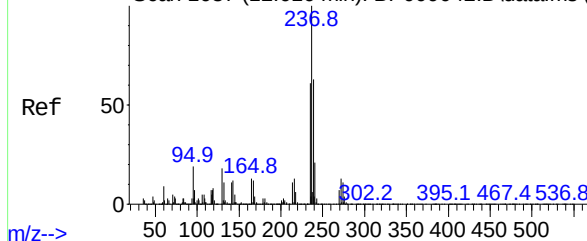
Abundance



Abundance Scan 1945 (14.428 min): BP009184.D\data.ms (-1894) (-)



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



Hexachlorocyclopentadiene

Concen: 8.660 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.006 min

Lab File: BP009184.D

Acq: 16 Feb 2022 18:18

Tgt Ion:237 Resp: 22

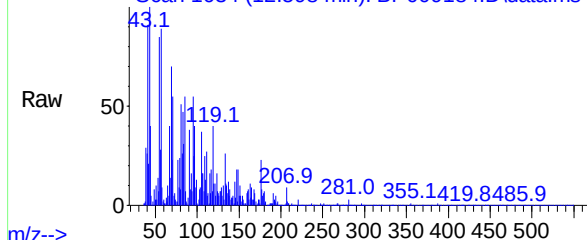
Ion Ratio Lower Upper

237 100

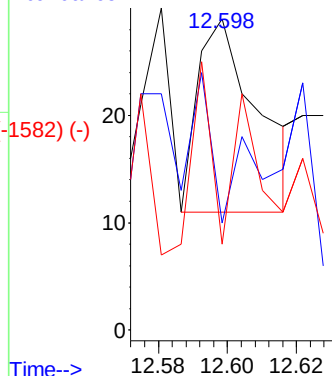
235 34.5 42.9 82.9#

272 27.6 0.0 33.8

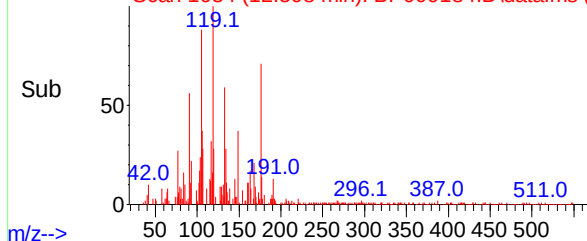
Abundance Scan 1634 (12.598 min): BP009184.D\data.ms



Abundance



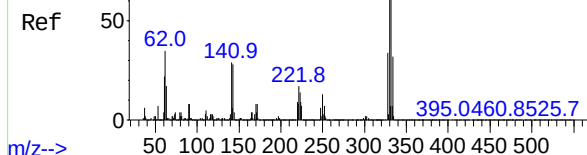
Abundance Scan 1634 (12.598 min): BP009184.D\data.ms (-1582) (-)



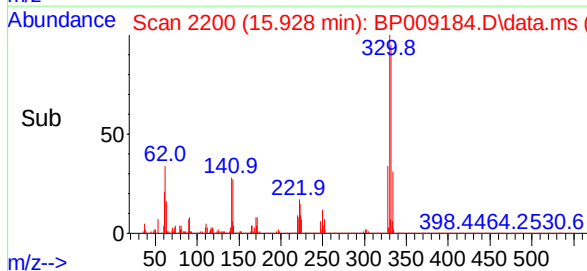
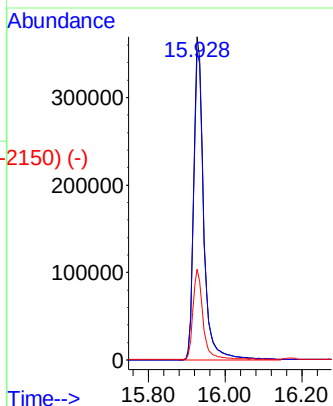
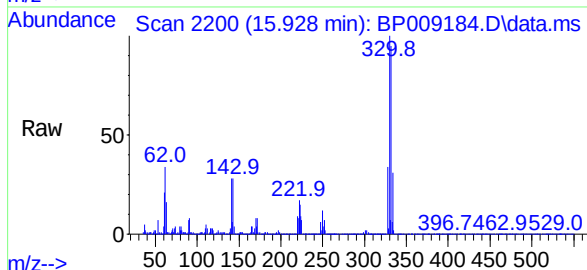
Abundance Scan 2203 (15.945 min): BP009042.D\data.ms (-2150) (-)

2,4,6-Tribromophenol
Concen: 132.257 ng
RT: 15.928 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP009184.D
Acq: 16 Feb 2022 18:18

Instrument :
BNA_P
ClientSampleId :
368

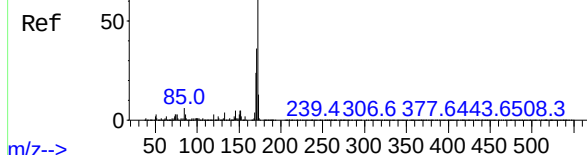


Tgt Ion:	330	Resp:	654500
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.4
141	28.2	21.3	31.9

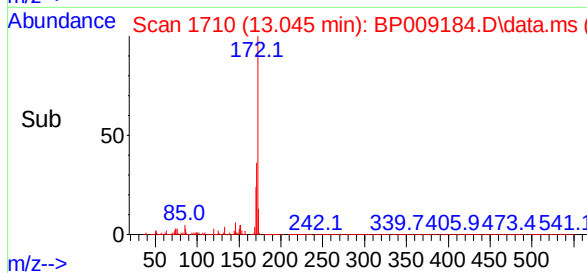
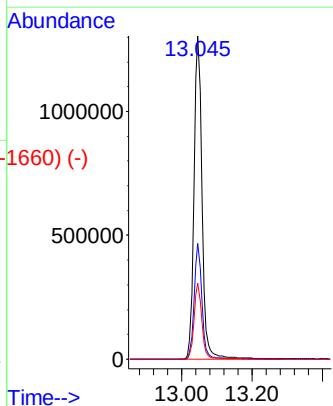
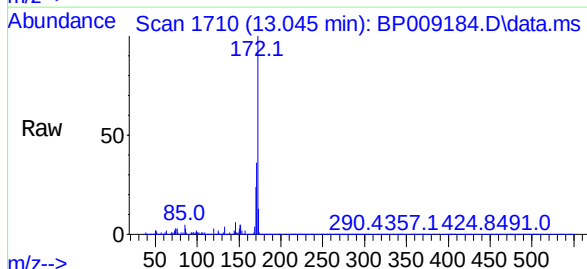


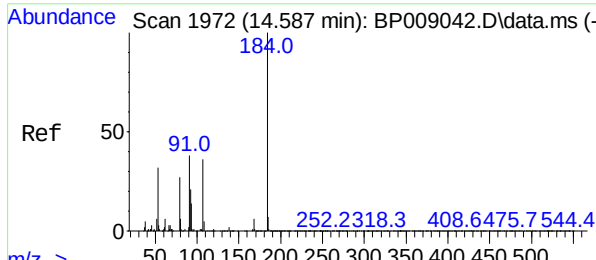
Abundance Scan 1714 (13.069 min): BP009042.D\data.ms (-1660) (-)

2-Fluorobiphenyl
Concen: 78.143 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009184.D
Acq: 16 Feb 2022 18:18



Tgt Ion:	172	Resp:	2068932
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	23.5	19.5	29.3

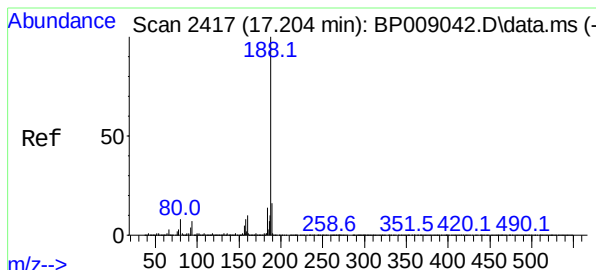
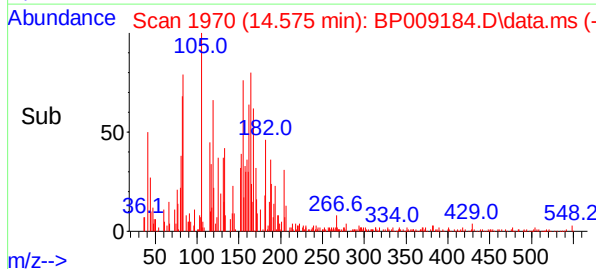
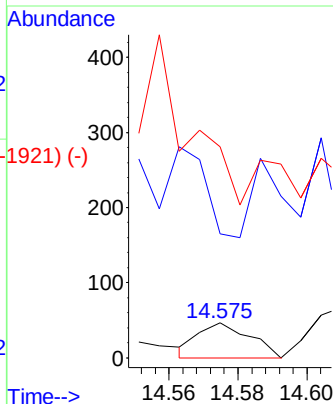
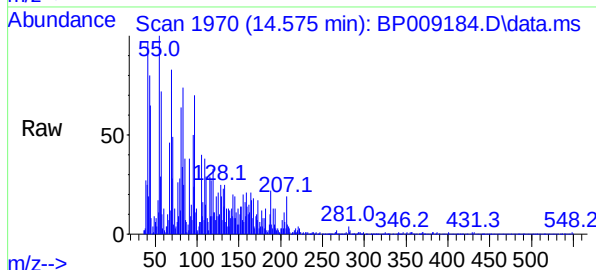




2,4-Dinitrophenol
 Concen: 2.187 ng
 RT: 14.575 min Scan# 1954
 Delta R.T. -0.012 min
 Lab File: BP009184.D
 Acq: 16 Feb 2022 18:18

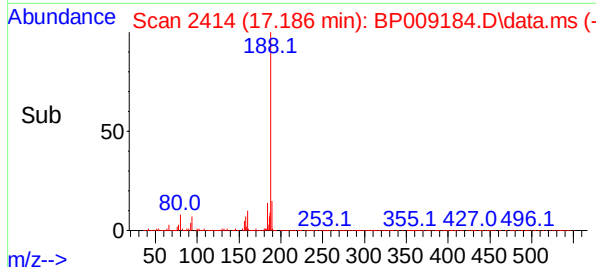
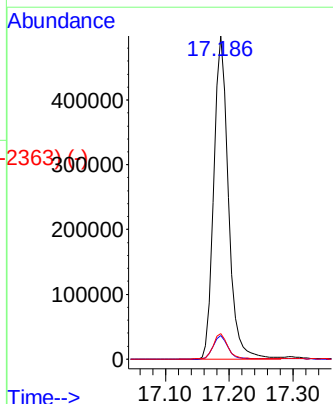
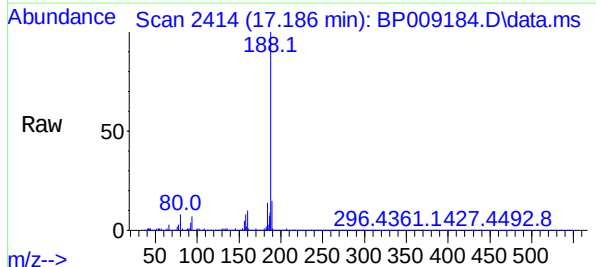
Instrument :
 BNA_P
 ClientSampleId :
 368

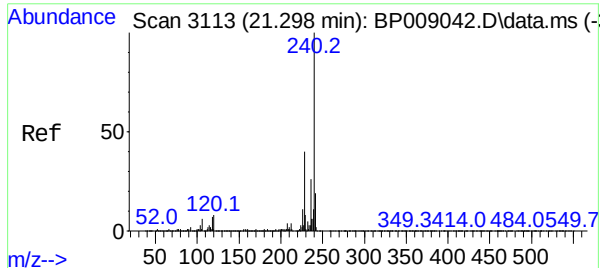
Tgt Ion:	184	Resp:	48
Ion	Ratio	Lower	Upper
184	100		
63	351.1	35.6	53.4#
154	597.9	43.4	65.0#



Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BP009184.D
 Acq: 16 Feb 2022 18:18

Tgt Ion:	188	Resp:	789524
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.9	7.2	10.8

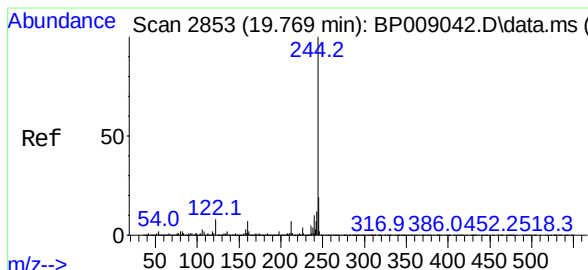
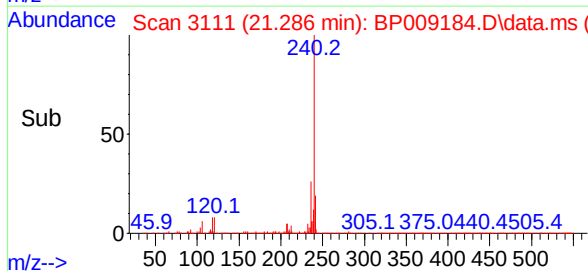
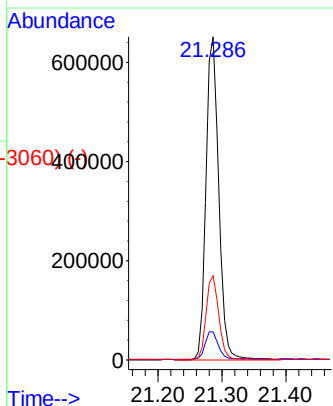
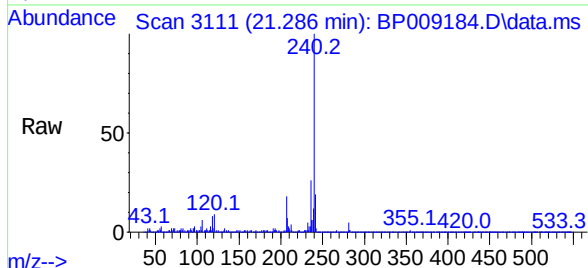




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.286 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BP009184.D
 Acq: 16 Feb 2022 18:18

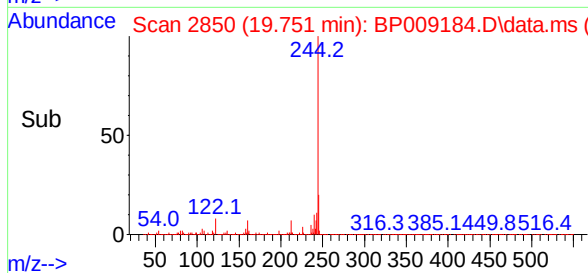
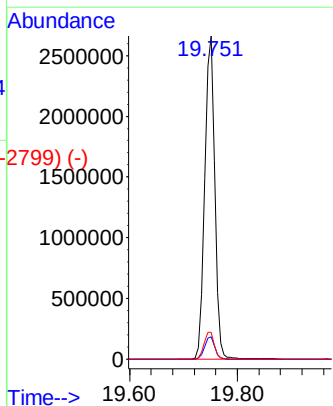
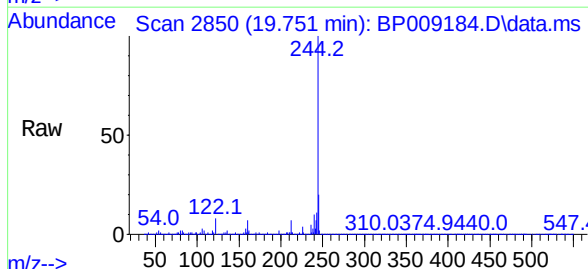
Instrument :
 BNA_P
 ClientSampleId :
 368

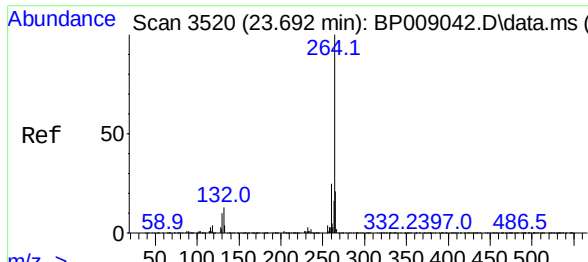
Tgt Ion:	240	Resp:	895356
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.7	11.5
236	26.1	21.2	31.8



Terphenyl-d14
 Concen: 68.342 ng
 RT: 19.751 min Scan# 2850
 Delta R.T. 0.000 min
 Lab File: BP009184.D
 Acq: 16 Feb 2022 18:18

Tgt Ion:	244	Resp:	3402610
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	8.3	9.2	13.8#





Perylene-d12
 Concen: 20.000 ng
 RT: 23.674 min Scan# 368
 Delta R.T. 0.000 min
 Lab File: BP009184.D
 Acq: 16 Feb 2022 18:18

Instrument :
 BNA_P
 ClientSampleId :
 368

Tgt Ion:	264	Resp:	965039
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	22.9	17.1	25.7

