

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110117\
 Data File : BE094689.D
 Acq On : 1 Nov 2017 14:00
 Operator : SJ/JU
 Sample : PB103176BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103176BL

Manual Integrations
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 11/1/2017 4:47:33 PM

Quant Time: Nov 01 16:06:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1022	0.40	ng	0.01
7) Naphthalene-d8	10.76	136	6564m	0.40	ng	0.05
13) Acenaphthene-d10	14.54	164	3483	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	8433	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8335	0.40	ng	0.01
34) Perylene-d12	23.98	264	7695	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.56	112	761m	0.22	ng	0.04
5) Phenol-d6	7.29	99	1259m	0.24	ng	0.15
8) Nitrobenzene-d5	9.21	82	1496m	0.29	ng	0.13
11) 2-Methylnaphthalene-d10	12.34	152	2584	0.25	ng	0.05
14) 2,4,6-Tribromophenol	16.09	330	186m	0.19	ng	0.06
15) 2-Fluorobiphenyl	13.19	172	3490m	0.28	ng	0.04
25) Fluoranthene-d10	19.30	212	26556	0.22	ng	0.02
29) Terphenyl-d14	19.87	244	4062	0.26	ng	0.00

Target Compounds Qvalue

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

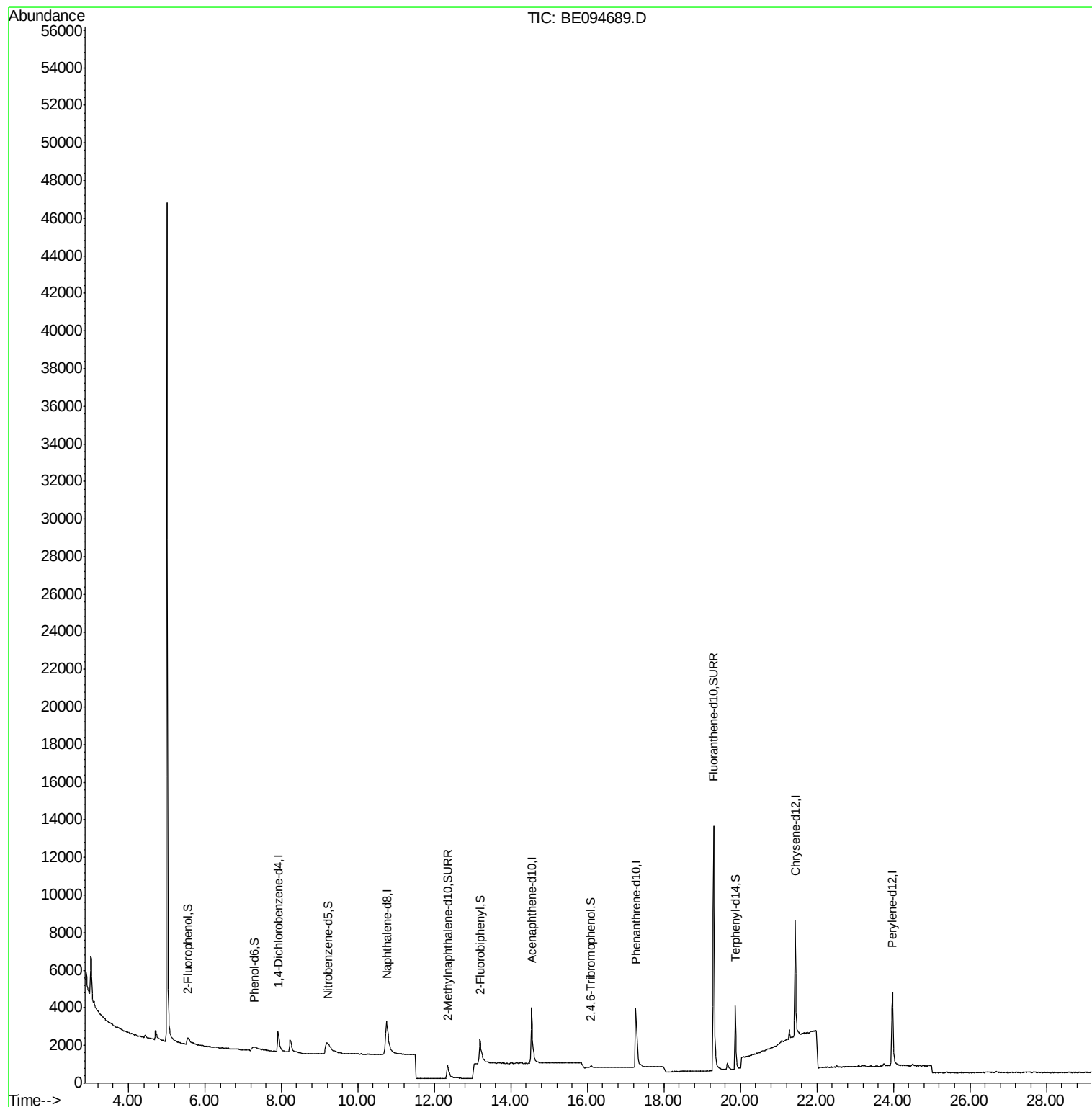
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110117\
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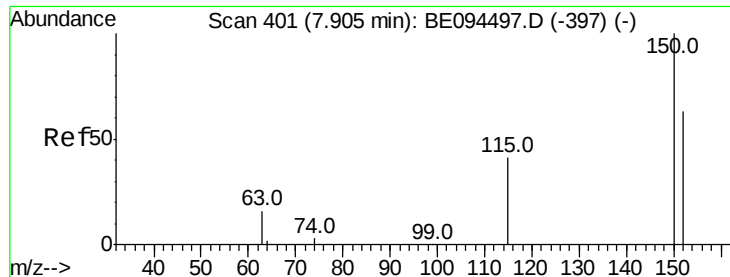
Instrument :
BNA_E
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Instrument :

BNA_E

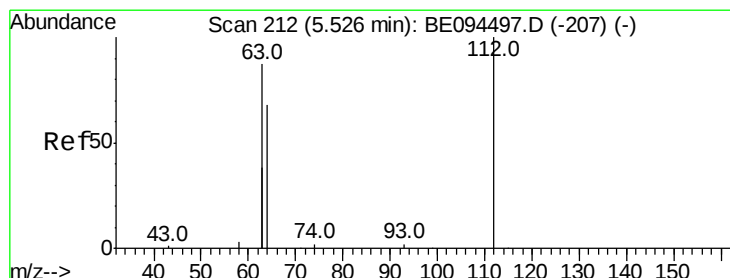
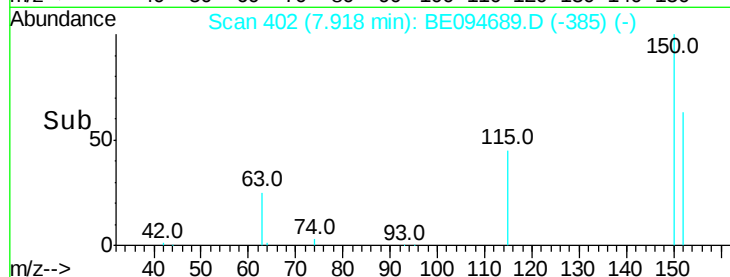
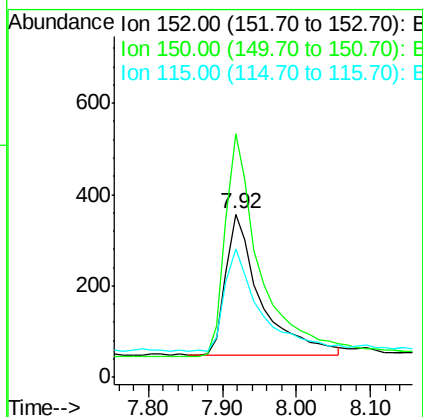
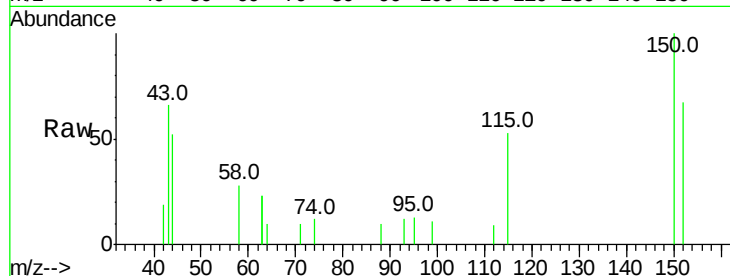
ClientSampleId :

PB103176BL

Tot Ion:	152	Resp:	1022
Ion	Ratio	Lower	Upper
152	100		
150	148.9	117.2	175.8
115	78.2	57.0	85.6

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#4

2-Fluorophenol

Concen: 0.217 ng m

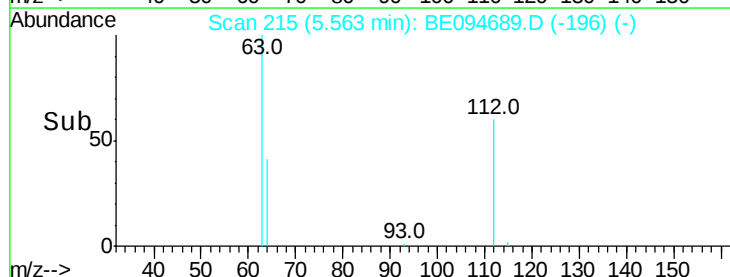
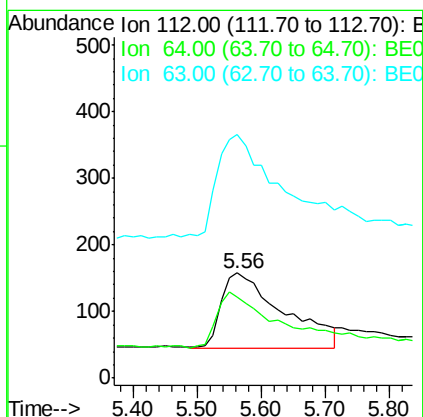
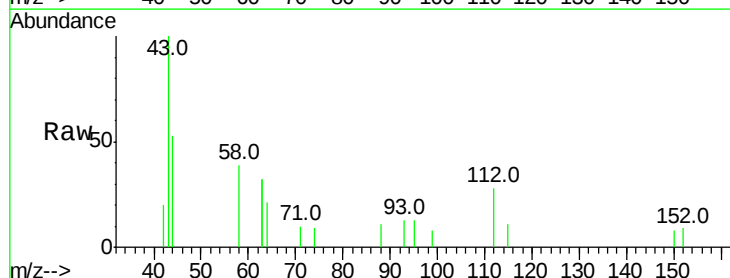
RT: 5.56 min Scan# 215

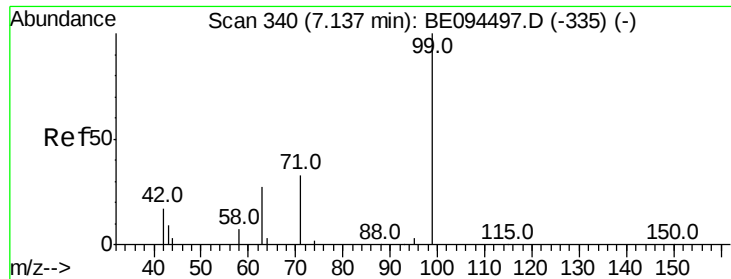
Delta R.T. 0.04 min

Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Tgt Ion:	112	Resp:	761
Ion	Ratio	Lower	Upper
112	100		
64	68.2	60.1	90.1
63	129.8	116.8	175.2





#5

Phenol-d6

Concen: 0.238 ng m

RT: 7.29 min Scan# 352

Delta R.T. 0.15 min

Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Instrument :

BNA_E

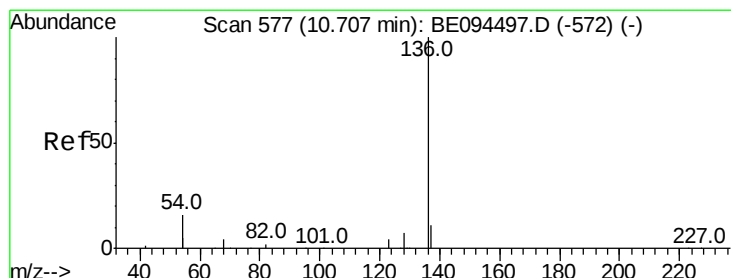
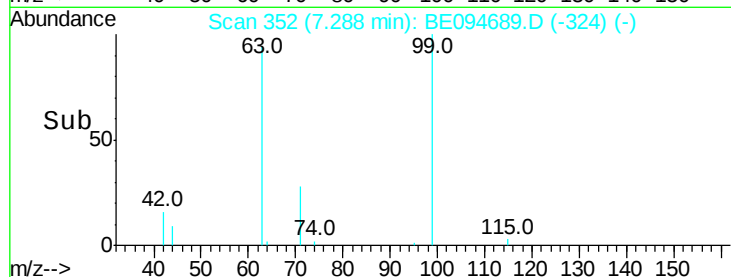
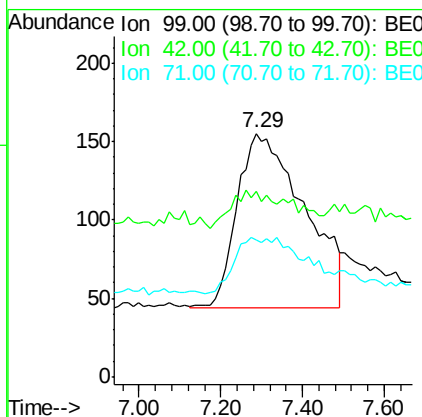
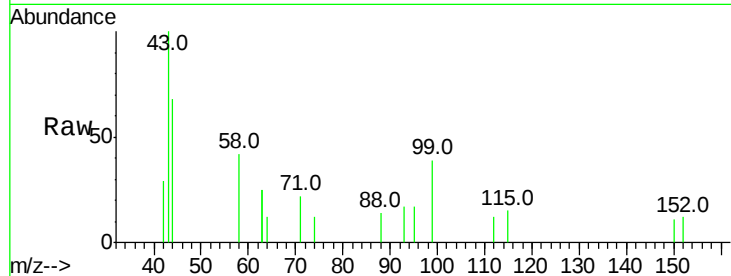
ClientSampleId :

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Tot Ion:	99	Resp:	1259
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	13.5	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng m

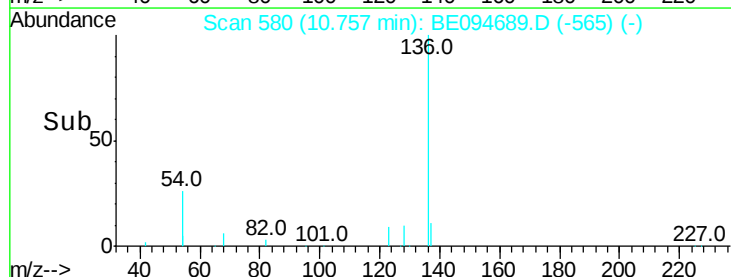
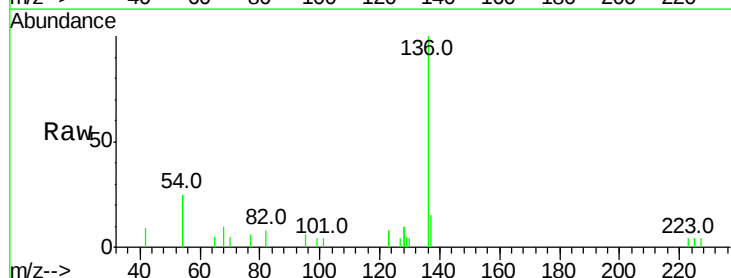
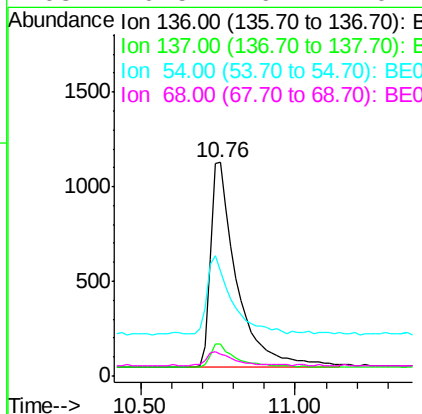
RT: 10.76 min Scan# 580

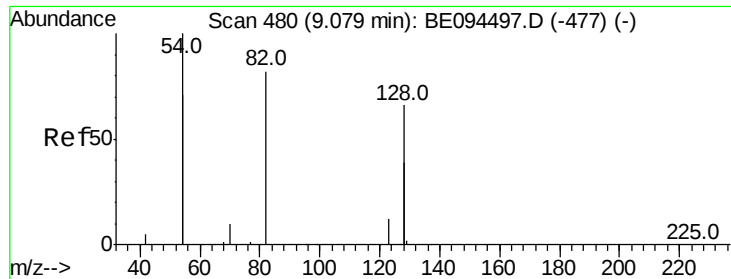
Delta R.T. 0.05 min

Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Tgt Ion:	136	Resp:	6564
Ion	Ratio	Lower	Upper
136	100		
137	14.9	9.5	14.3#
54	24.6	29.1	43.7#
68	10.5	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.285 ng/ml

RT: 9.21 min Scan# 488

Delta R.T. 0.13 min

Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Instrument :

BNA_E

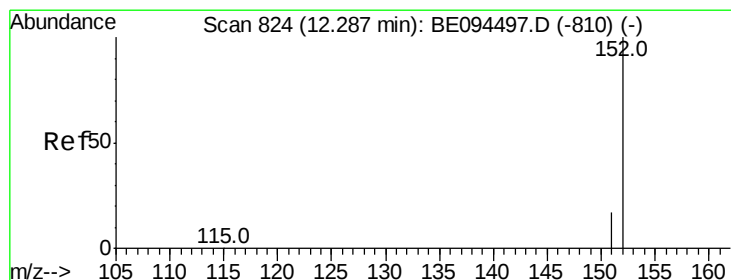
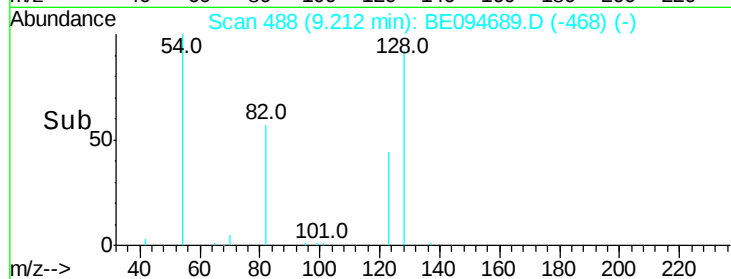
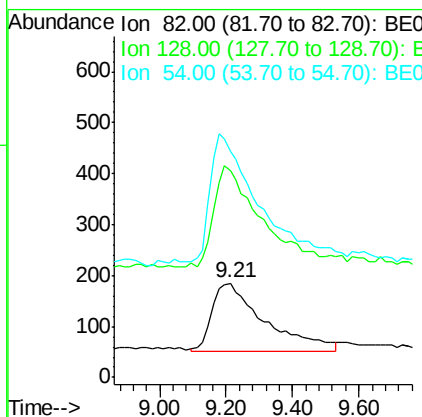
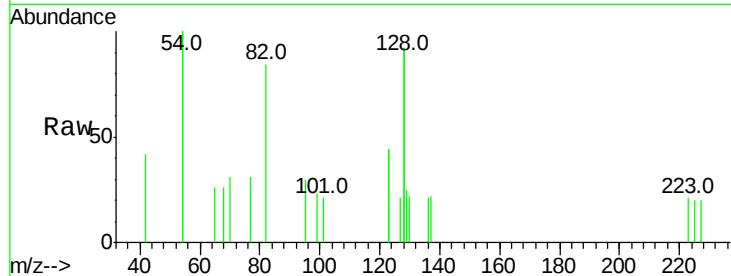
ClientSampleId :

PB103176BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	109.7	150.0	225.0#
54	119.5	154.2	231.4#

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#11

2-Methylnaphthalene-d10

Concen: 0.245 ng/ml

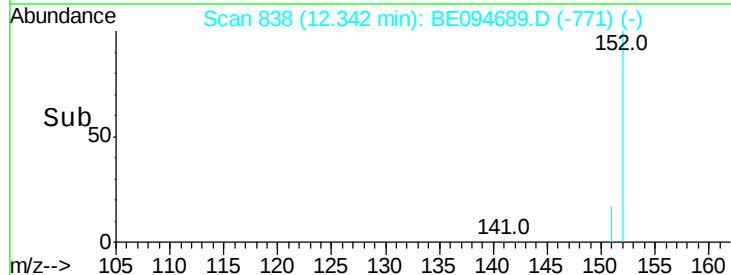
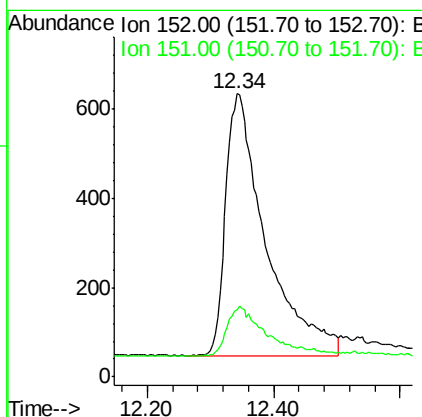
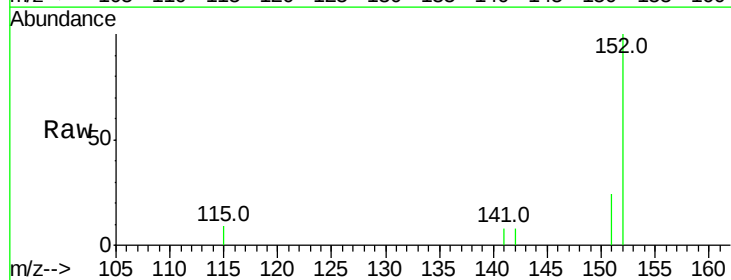
RT: 12.34 min Scan# 838

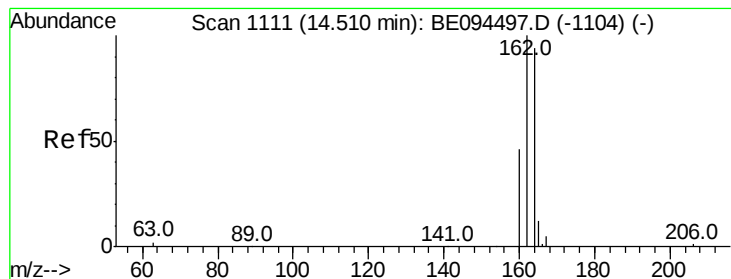
Delta R.T. 0.05 min

Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1112

Delta R.T. 0.03 min

Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Instrument :

BNA_E

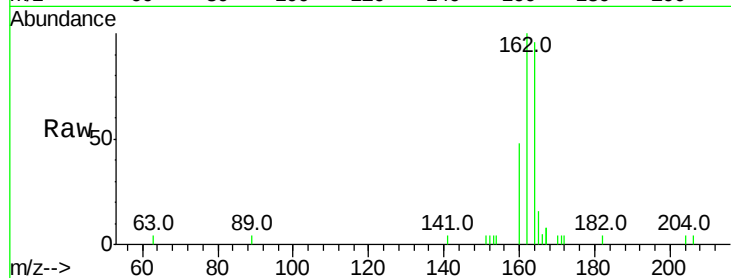
ClientSampleId :

PB103176BL

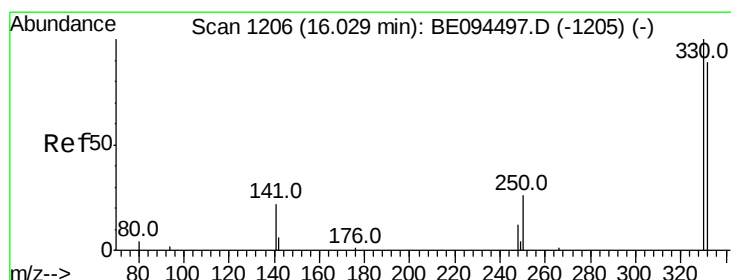
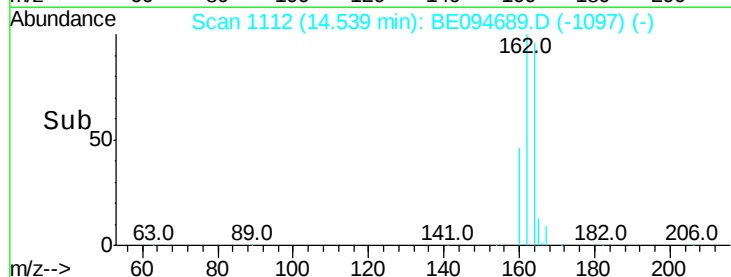
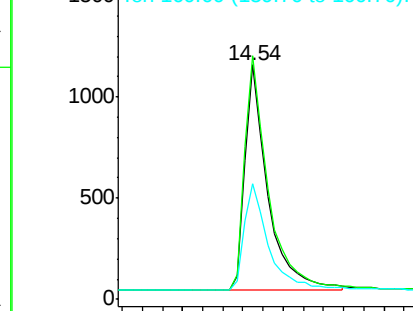
Tot Ion:	164	Resp:	3483
Ion Ratio	Lower	Upper	
164	100		
162	104.0	83.1	124.7
160	49.5	37.1	55.7

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.194 ng m

RT: 16.09 min Scan# 1207

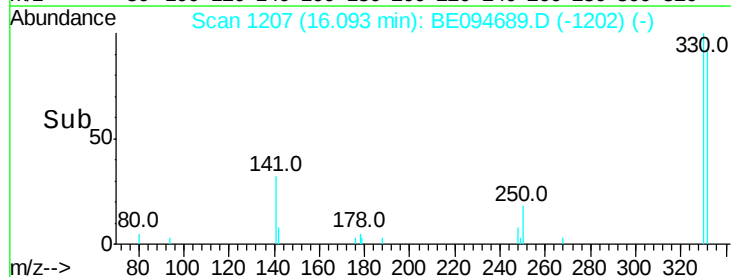
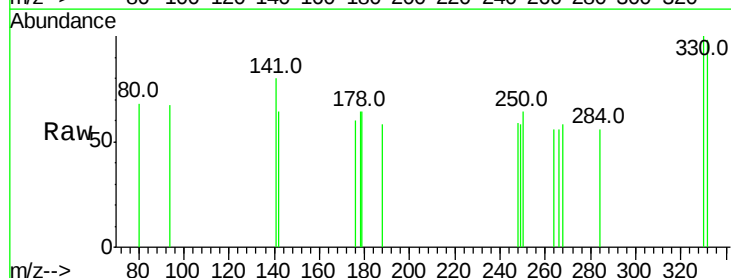
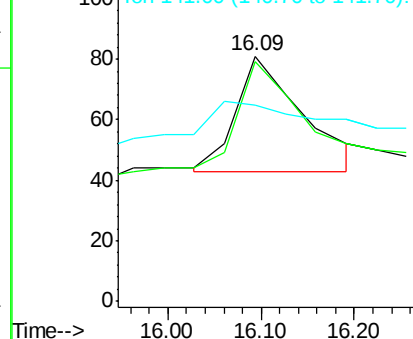
Delta R.T. 0.06 min

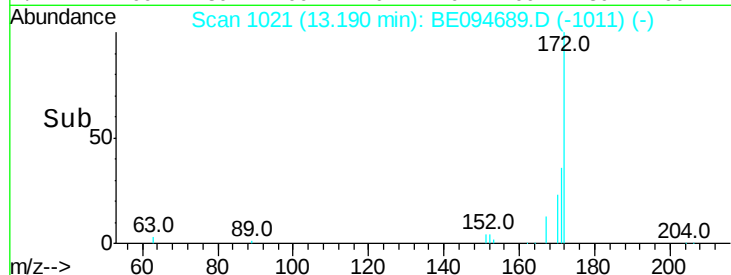
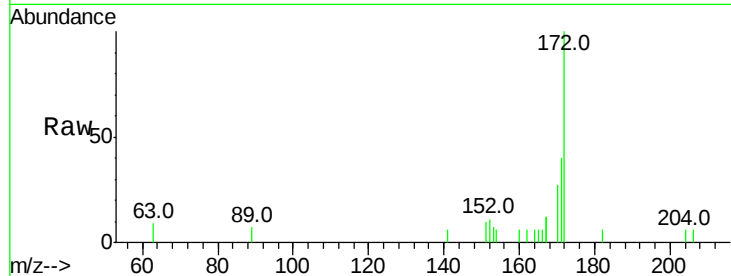
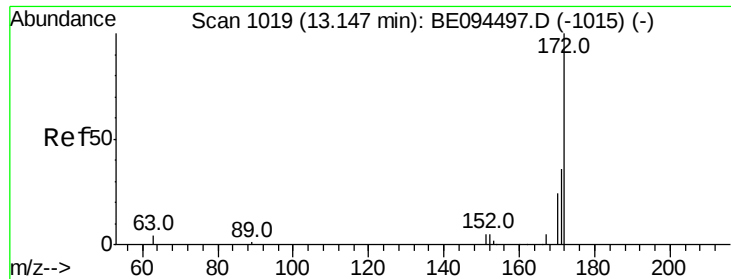
Lab File: BE094689.D

Acq: 1 Nov 2017 14:00

Tgt Ion:	330	Resp:	186
Ion Ratio	Lower	Upper	
330	100		
332	67.2	152.7	229.1#
141	0.0	33.7	50.5#

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





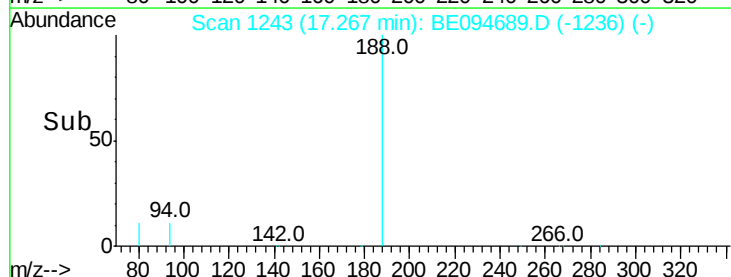
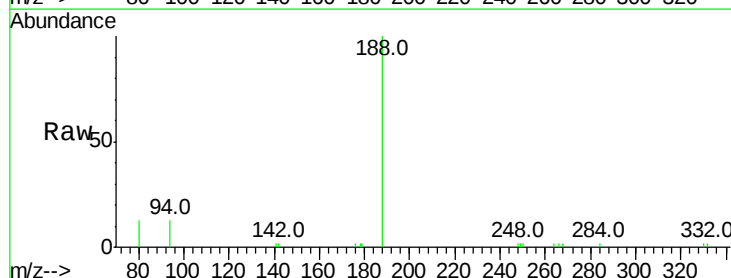
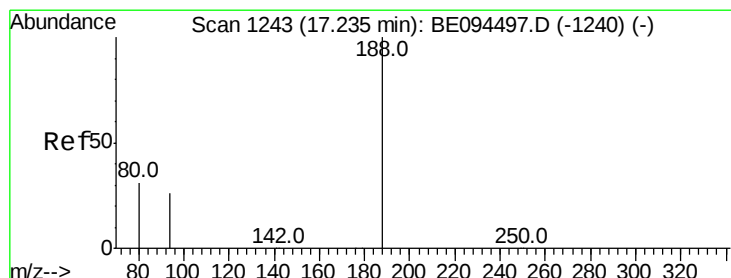
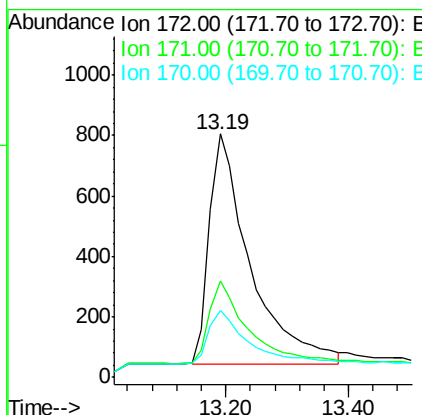
#15
2-Fluorobiphenyl
Concen: 0.284 ng/ml
RT: 13.19 min Scan# 1021
Delta R.T. 0.04 min
Lab File: BE094689.D
Acq: 1 Nov 2017 14:00

Instrument :
BNA_E
ClientSampled :
PB103176BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.9	44.9
170	27.3	21.8	32.8

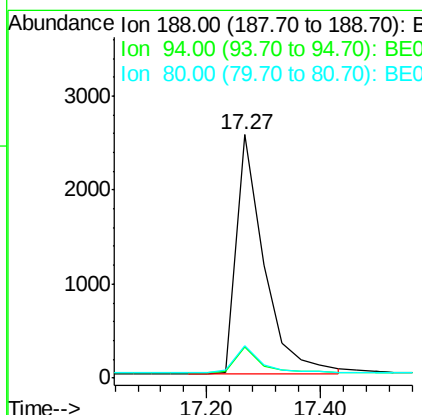
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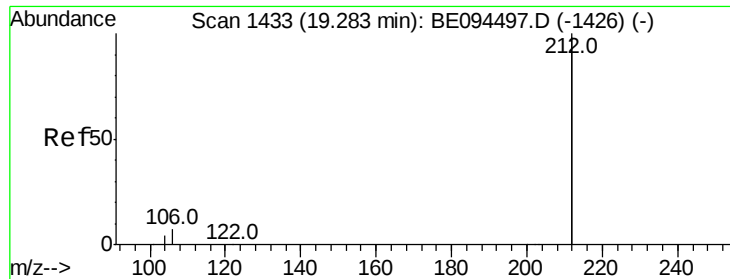
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. 0.03 min
Lab File: BE094689.D
Acq: 1 Nov 2017 14:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	3.9	5.9#
80	13.4	3.6	5.4#





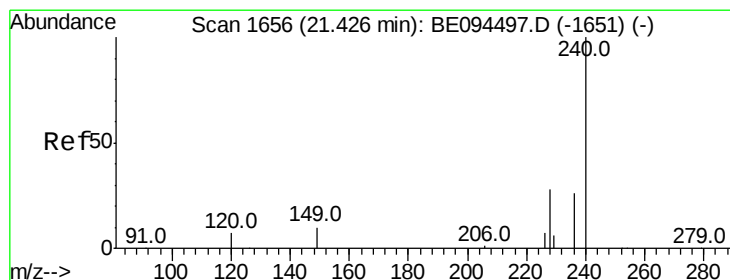
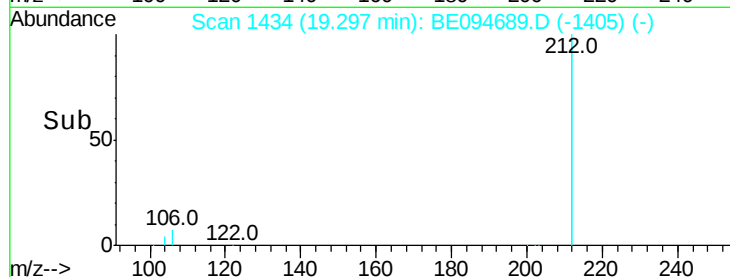
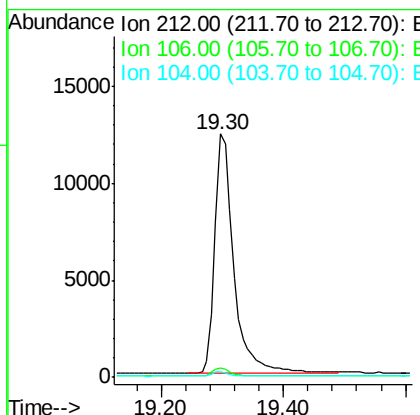
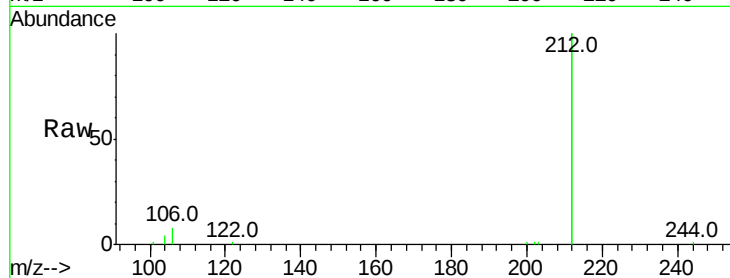
#25
 Fluoranthene-d10
 Concen: 0.222 ng
 RT: 19.30 min Scan# 1434
 Delta R.T. 0.02 min
 Lab File: BE094689.D
 Acq: 1 Nov 2017 14:00

Instrument :
 BNA_E
 ClientSampleId :
 PB103176BL

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

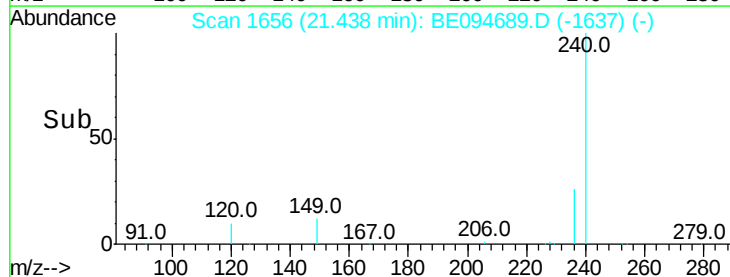
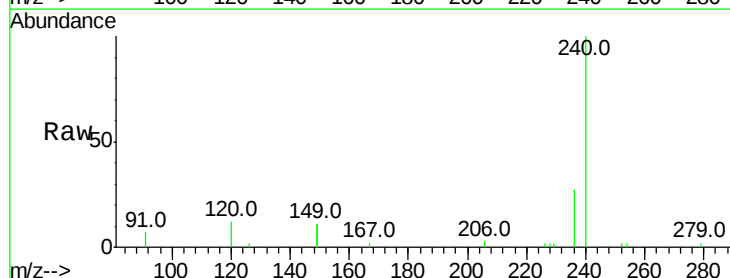
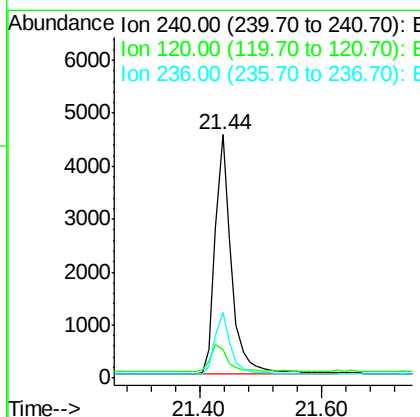
Manual Integrations
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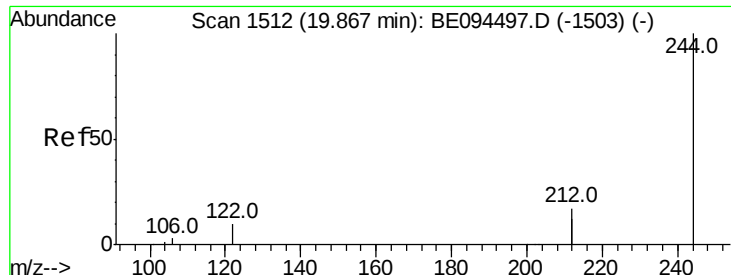
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.44 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BE094689.D
 Acq: 1 Nov 2017 14:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.5	8.3#
236	27.0	20.7	31.1





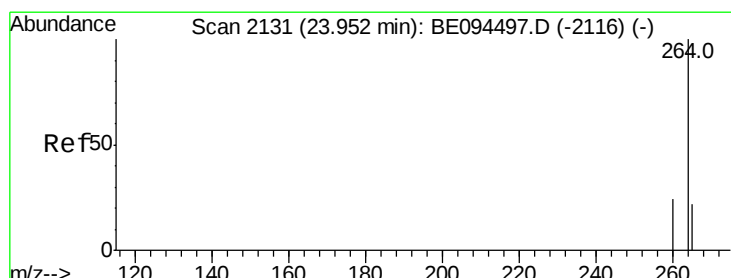
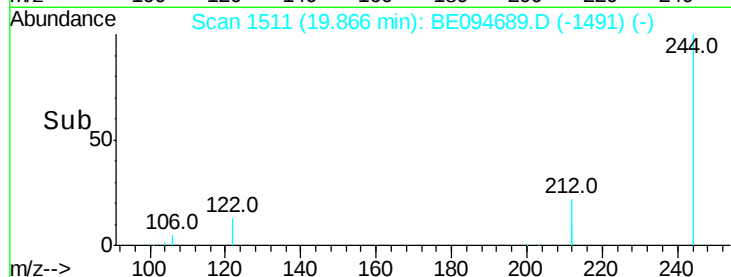
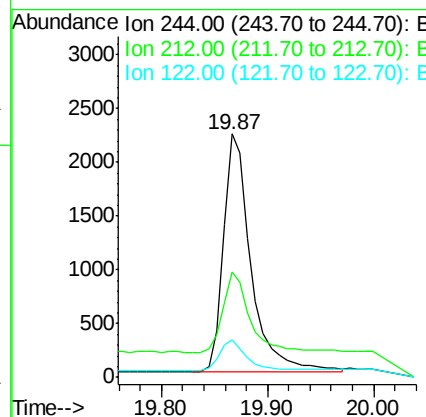
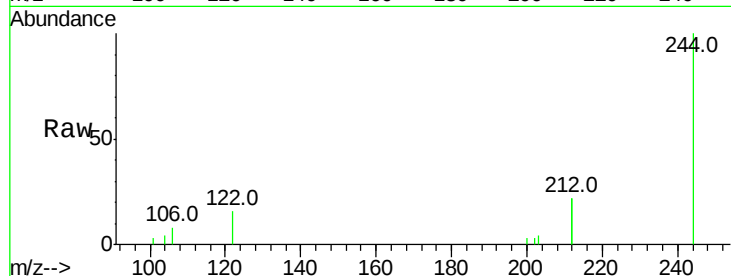
#29
 Terphenyl-d14
 Concen: 0.258 ng
 RT: 19.87 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: BE094689.D
 Acq: 1 Nov 2017 14:00

Instrument :
 BNA_E
 ClientSampleId :
 PB103176BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	43.1	25.4	38.0
122	15.5	8.1	12.1

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.98 min Scan# 2135
 Delta R.T. 0.02 min
 Lab File: BE094689.D
 Acq: 1 Nov 2017 14:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	30.4	22.8	34.2

