

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
 Data File : BP022147.D
 Acq On : 01 Oct 2024 23:19
 Operator : RC/JU
 Sample : P4022-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDCA1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 02:12:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	126044	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	471927	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	367015	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	887587	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1052033	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1181185	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	1964	0.610	ng/uL	0.00
4) Pyridine-d5	3.646	84	9362	1.018	ng/u1	0.01
7) Phenol-d5	6.899	99	21204	2.057	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	31725	4.997	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.246	132	40751	5.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	34156	4.181	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	20186	5.715	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.552	143	23545	5.879	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	51728	5.947	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	13654	1.316	ng/u1	-0.01
46) Dimethylphthalate-d6	13.716	166	175853	6.198	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	183212	6.099	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	9383m	1.934	ng/u1	0.01
60) Fluorene-d10	15.310	176	151034	6.018	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.445	200	23720m	4.304	ng/u1	0.00
73) Anthracene-d10	17.204	188	260128	6.278	ng/u1	-0.01
81) Pyrene-d10	19.586	212	354097	6.497	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	370619	5.966	ng/u1	-0.02
Target Compounds					Qvalue	
23) Isophorone	9.399	82	453462	24.242	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	13899	1.608	ng/u1	97
30) Naphthalene	10.510	128	128539	5.176	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	96104	5.208	ng/u1	97
37) 1-Methylnaphthalene	12.334	142	64231	3.451	ng/u1	99
41) 2,4,6-Trichlorophenol	12.734	196	32965	4.052	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	14.951	232	2809528	331.342	ng/u1	100
71) Pentachlorophenol	16.781	266	6486730	751.207	ng/u1	99

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

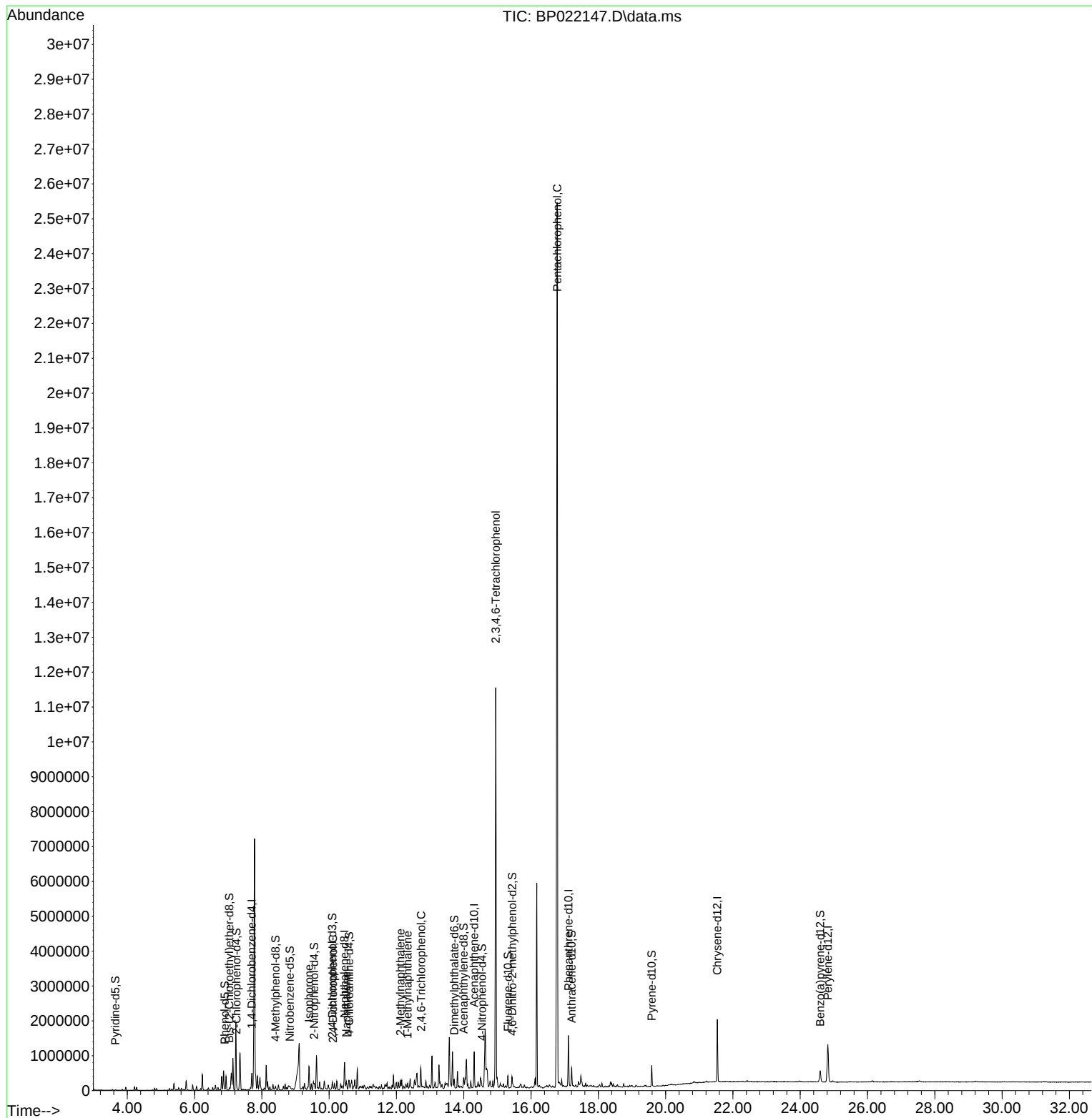
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
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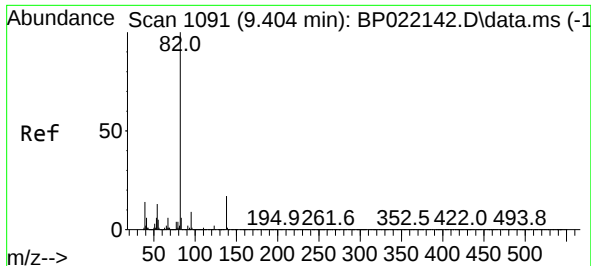
Instrument :
BNA_P
ClientSampleId :
DDCA1DL

Quant Time: Oct 02 02:12:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
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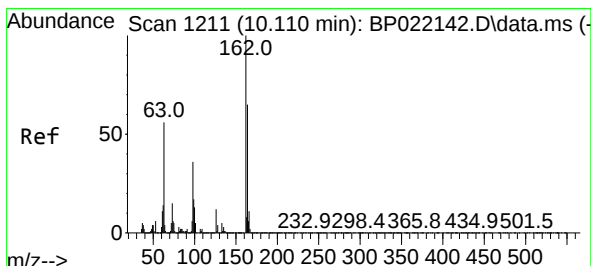
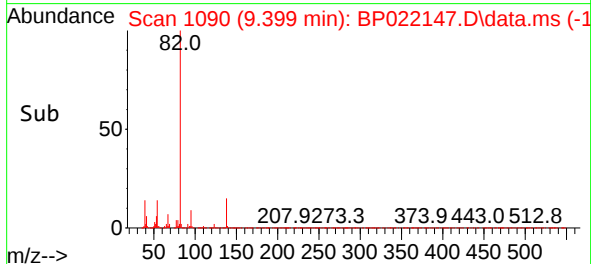
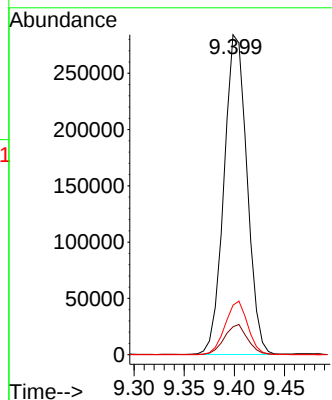
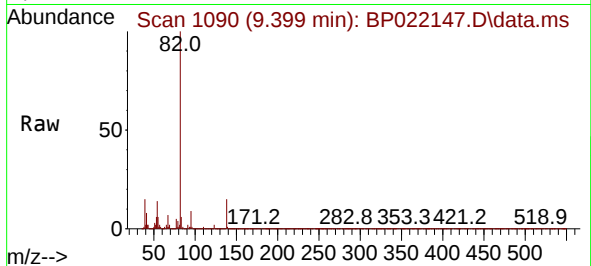
#23
Isophorone
Concen: 24.242 ng/ul
RT: 9.399 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BP022147.D
Acq: 01 Oct 2024 23:19

Instrument :
BNA_P
ClientSampleId :
DDCA1DL

Tgt Ion: 82 Resp: 453462
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.4
138 15.4 11.9 17.9

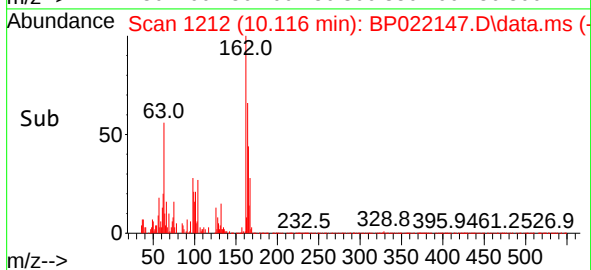
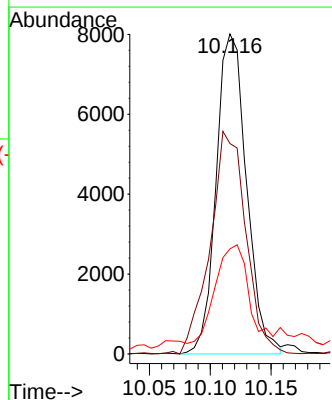
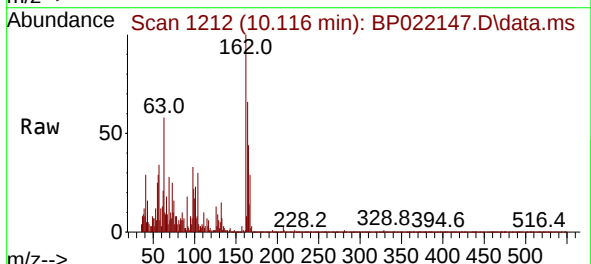
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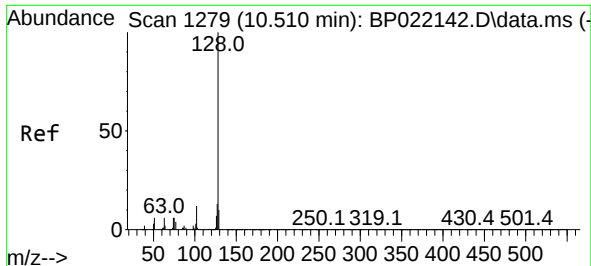
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#29
2,4-Dichlorophenol
Concen: 1.608 ng/ul
RT: 10.116 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BP022147.D
Acq: 01 Oct 2024 23:19

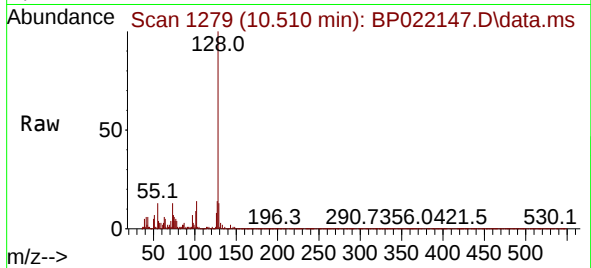
Tgt Ion:162 Resp: 13899
Ion Ratio Lower Upper
162 100
164 65.8 52.4 78.6
98 32.9 29.8 44.8





#30
Naphthalene
Concen: 5.176 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP022147.D
Acq: 01 Oct 2024 23:19

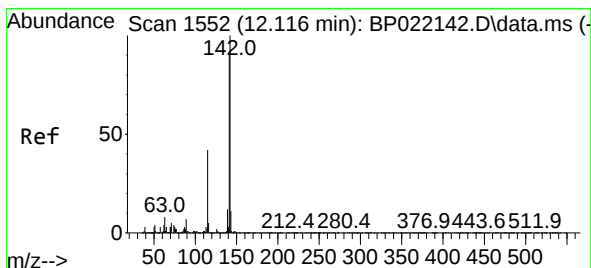
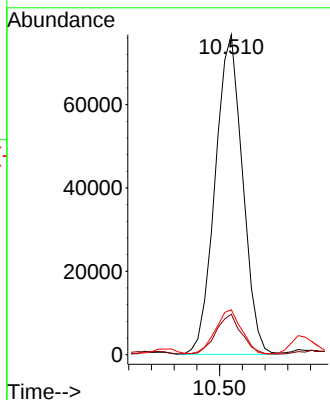
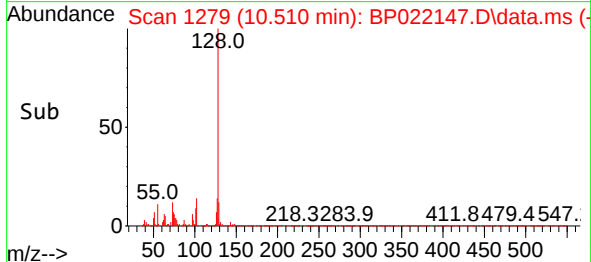
Instrument :
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ClientSampleId :
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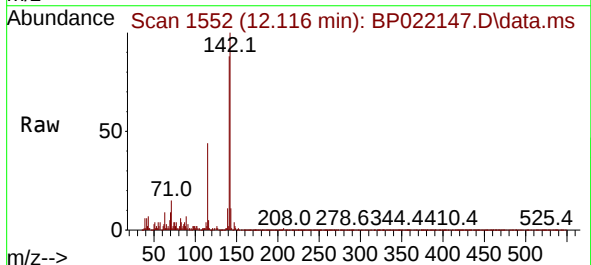
Tgt Ion:128 Resp: 128539
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 14.1 10.9 16.3

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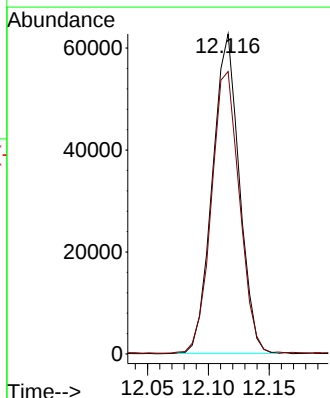
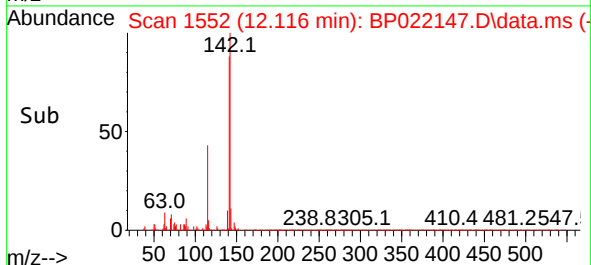
Reviewed By :Yogesh Patel 10/02/2024
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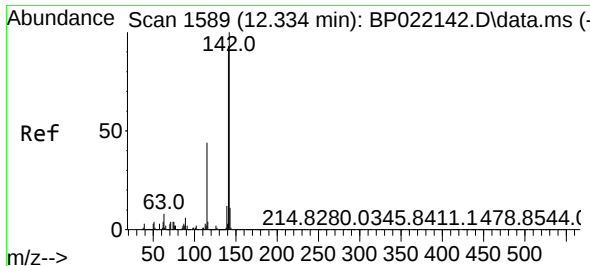


#36
2-Methylnaphthalene
Concen: 5.208 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022147.D
Acq: 01 Oct 2024 23:19



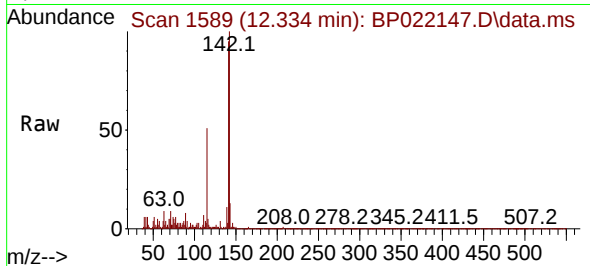
Tgt Ion:142 Resp: 96104
Ion Ratio Lower Upper
142 100
141 88.3 72.6 109.0





#37
1-Methylnaphthalene
Concen: 3.451 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP022147.D
Acq: 01 Oct 2024 23:19

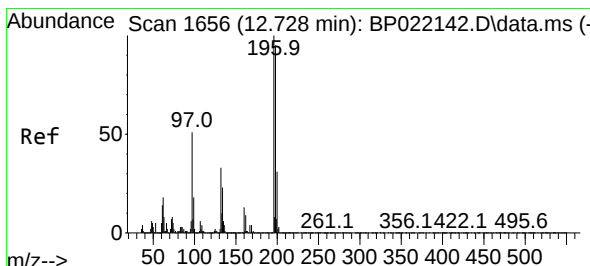
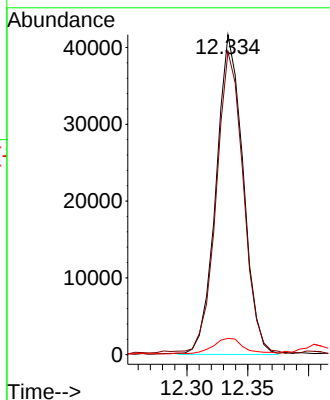
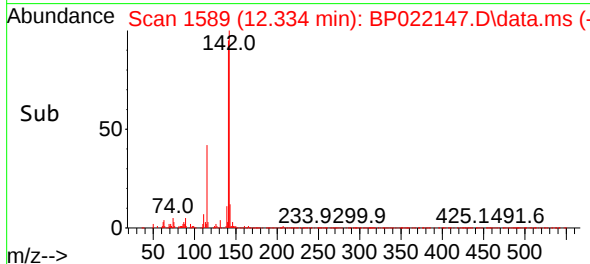
Instrument :
BNA_P
ClientSampleId :
DDCA1DL



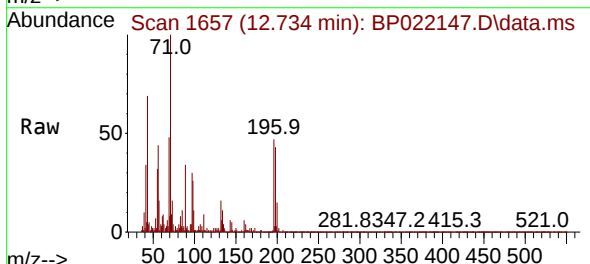
Tgt Ion:142 Resp: 6423
Ion Ratio Lower Upper
142 100
141 94.7 74.6 111.8
116 5.1 3.9 5.9

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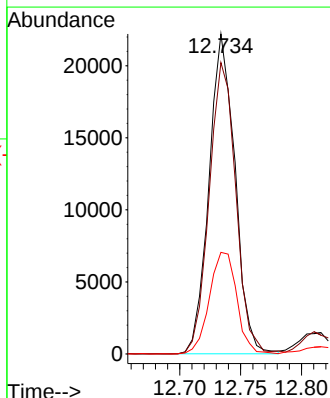
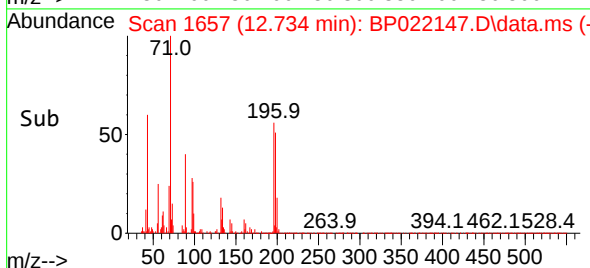
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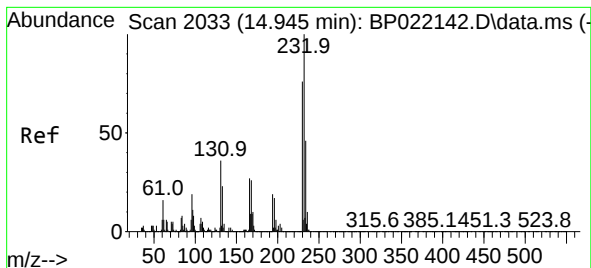


#41
2,4,6-Trichlorophenol
Concen: 4.052 ng/ul
RT: 12.734 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP022147.D
Acq: 01 Oct 2024 23:19



Tgt Ion:196 Resp: 32965
Ion Ratio Lower Upper
196 100
198 91.0 77.6 116.4
200 31.7 24.2 36.4





#58

2,3,4,6-Tetrachlorophenol

Concen: 331.342 ng/ul

RT: 14.951 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BP022147.D

Acq: 01 Oct 2024 23:19

Instrument :

BNA_P

ClientSampleId :

DDCA1DL

Tgt Ion:232 Resp: 2809528

Ion Ratio Lower Upper

232 100

131 35.3 28.2 42.2

130 2.1 1.8 2.6

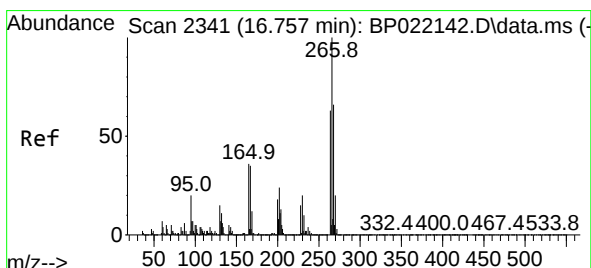
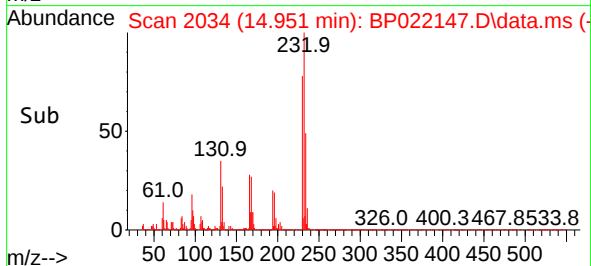
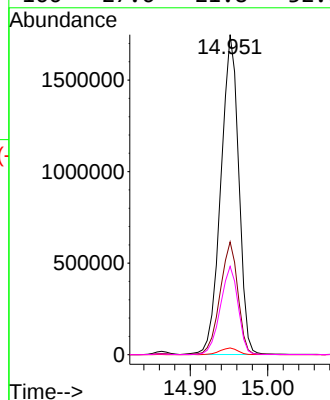
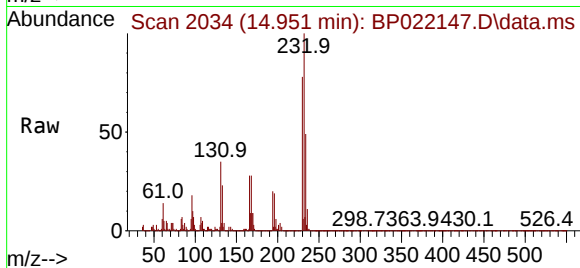
166 27.6 21.8 32.6

Manual Integrations

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#71

Pentachlorophenol

Concen: 751.207 ng/ul

RT: 16.781 min Scan# 2345

Delta R.T. 0.024 min

Lab File: BP022147.D

Acq: 01 Oct 2024 23:19

Tgt Ion:266 Resp: 6486730

Ion Ratio Lower Upper

266 100

264 63.4 50.2 75.4

268 64.9 51.4 77.0

