

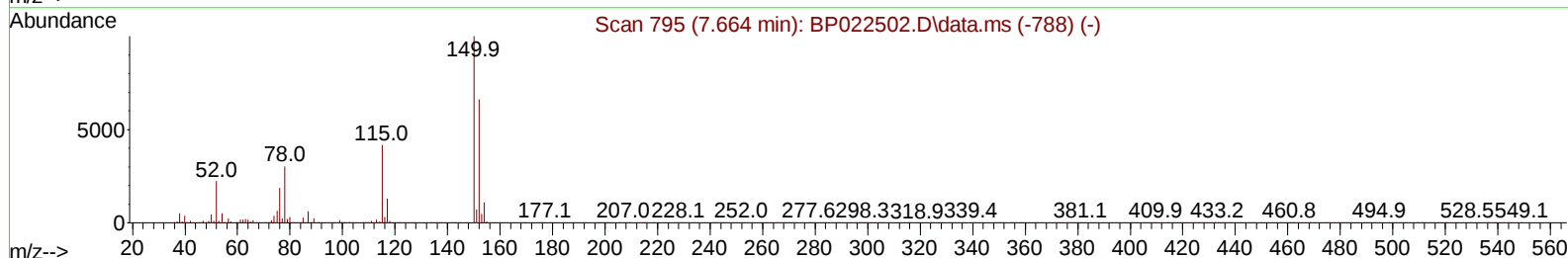
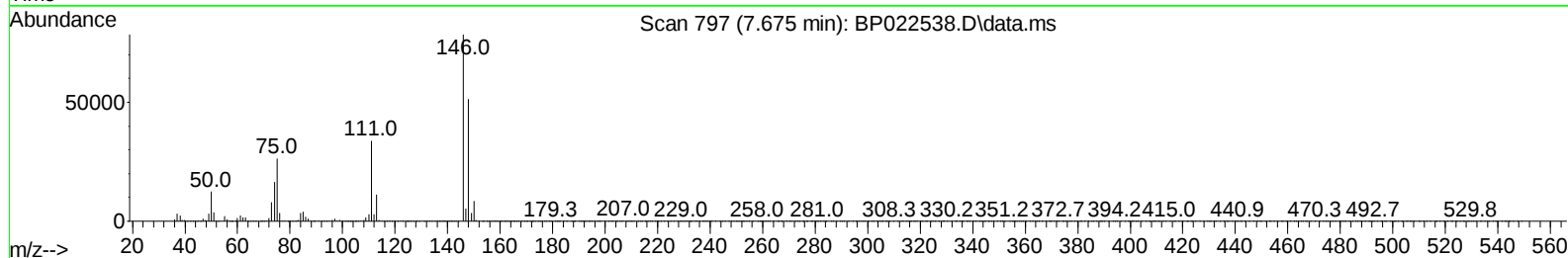
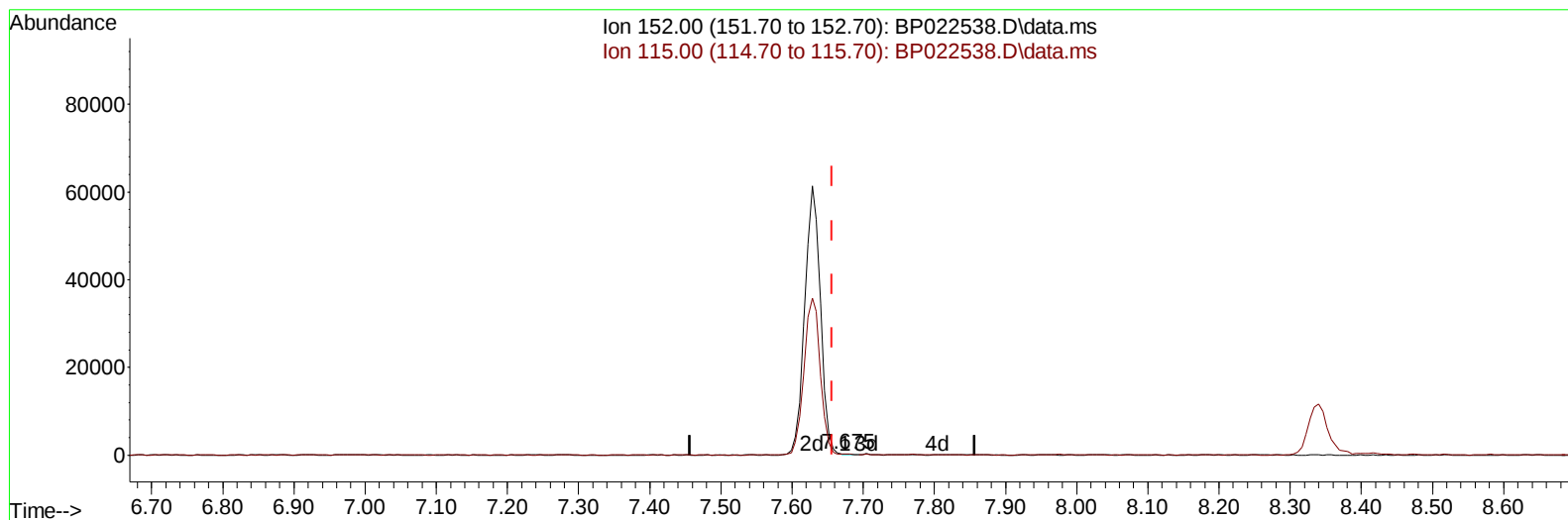
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022538.D
 Acq On : 22 Oct 2024 13:57
 Operator : RC/JU
 Sample : P4414-02DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4E88DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 14:23:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024



TIC: BP022538.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.675min (+ 0.018) 20.00 ng/u1

response 157

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	59.50	115.74#
0.00	0.00	0.00
0.00	0.00	0.00

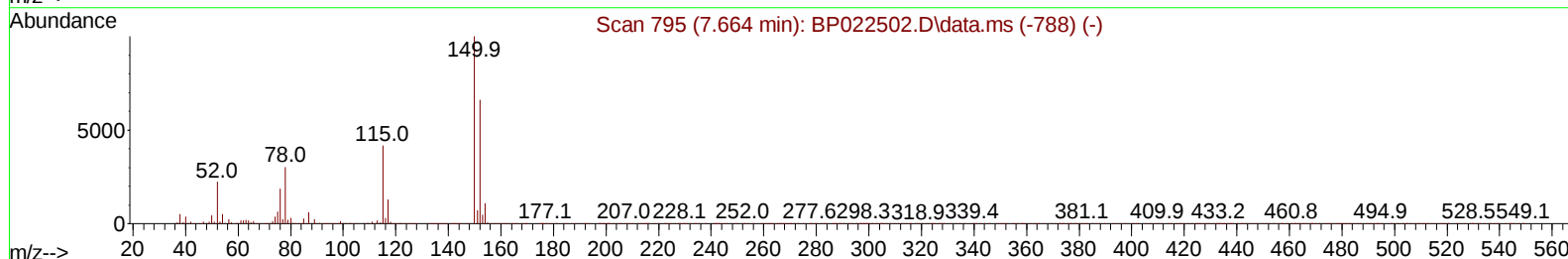
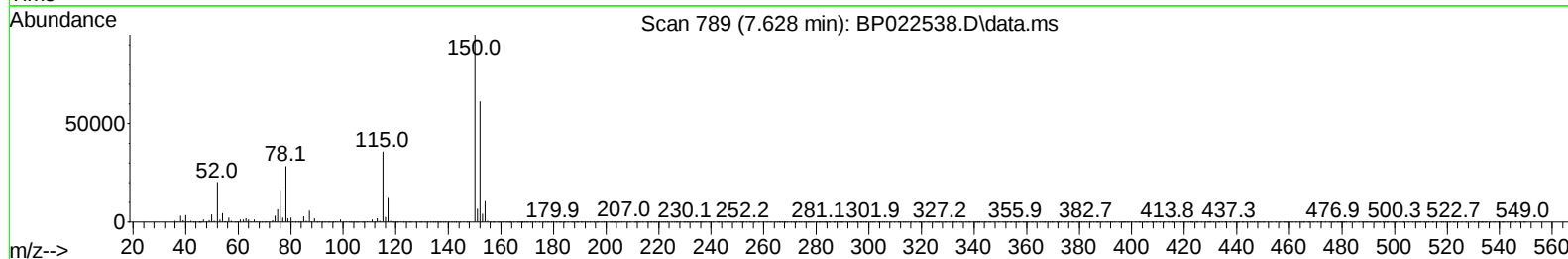
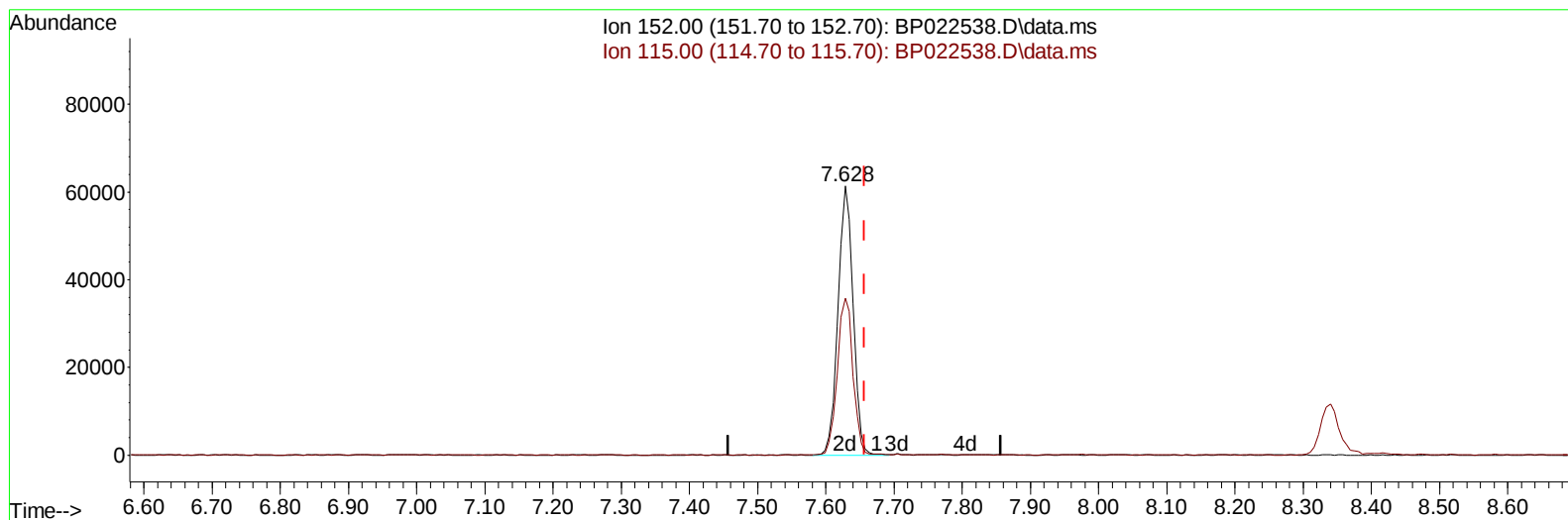
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(1) 1,4-Dichlorobenzene-d4 (I)

7.628min (-0.029) 20.00 ng/u1 m

response 94157

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	59.50	58.44
0.00	0.00	0.00
0.00	0.00	0.00

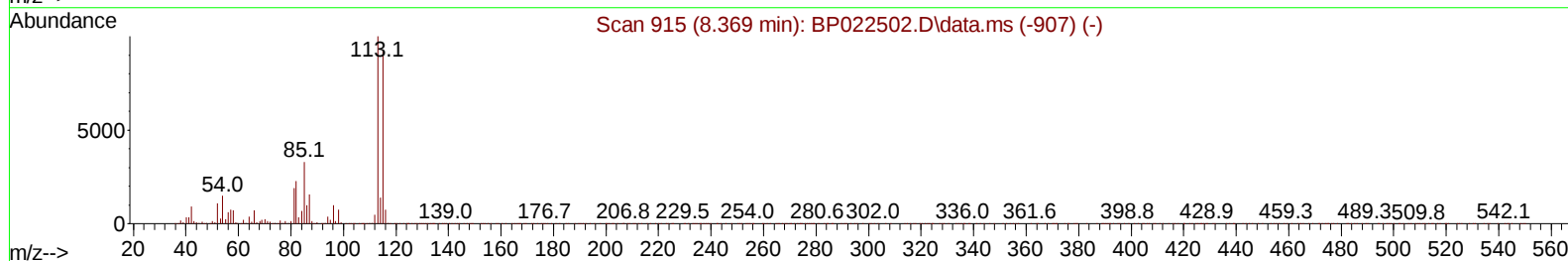
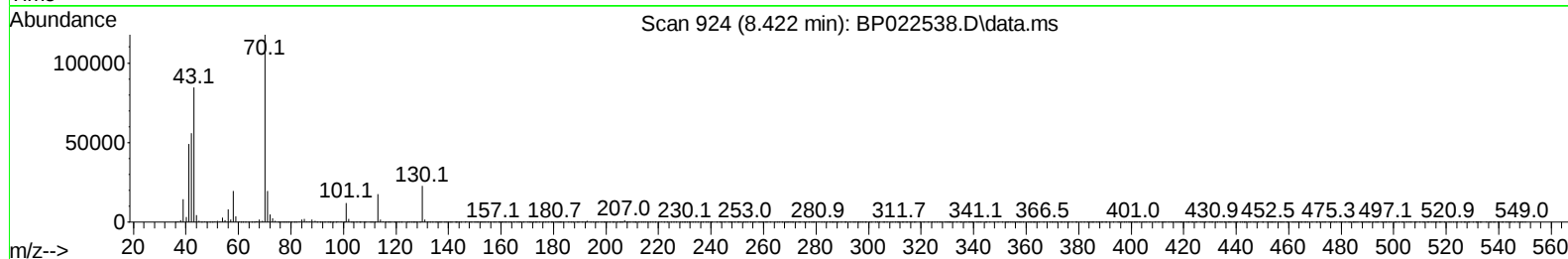
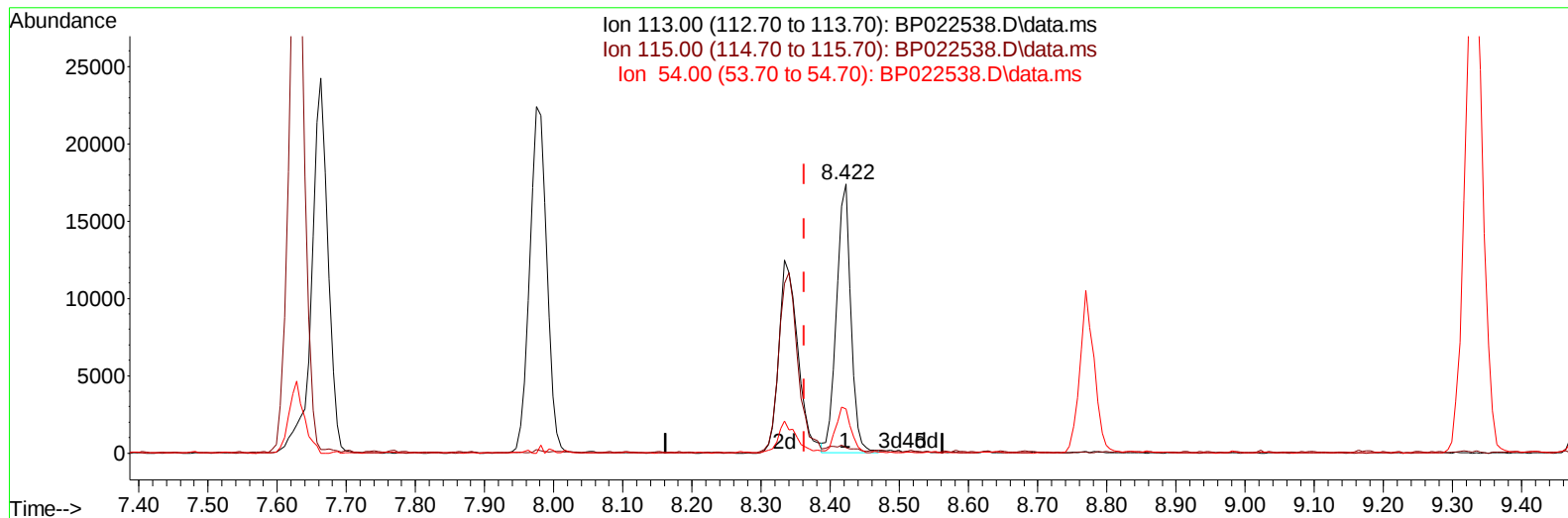
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(15) 4-Methylphenol-d8 (S)

8.422min (+ 0.059) 3.97 ng/u1

response 25087

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.10	2.00#
54.00	14.50	16.38
0.00	0.00	0.00

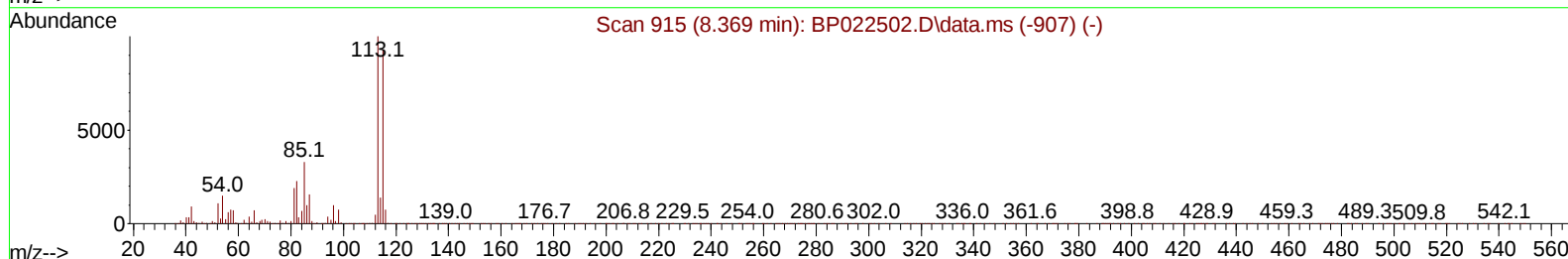
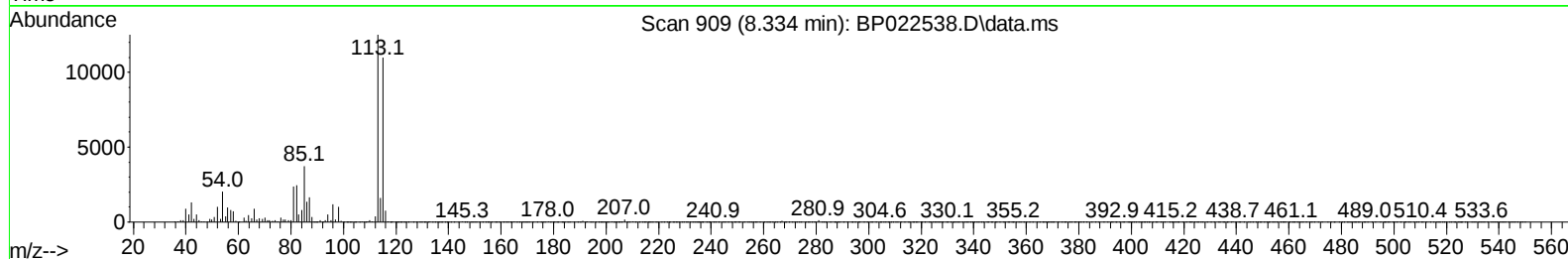
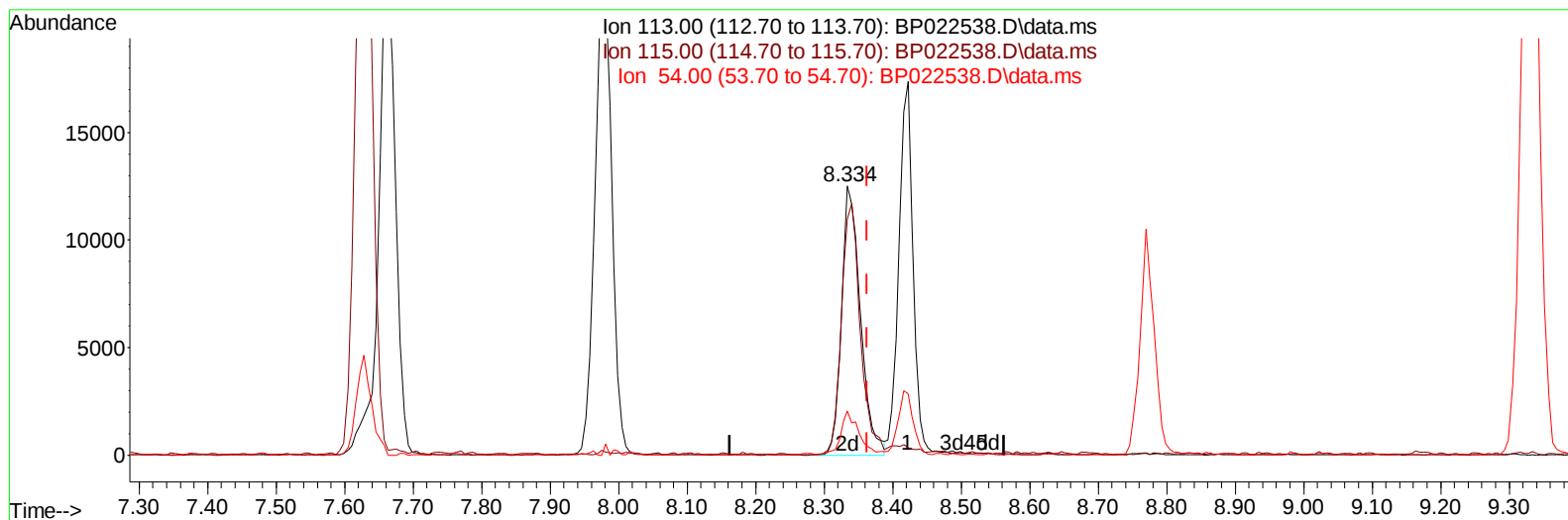
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TIC: BP022538.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.334min (-0.029) 3.78 ng/u1 m

response 23921

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.10	87.88
54.00	14.50	16.44
0.00	0.00	0.00

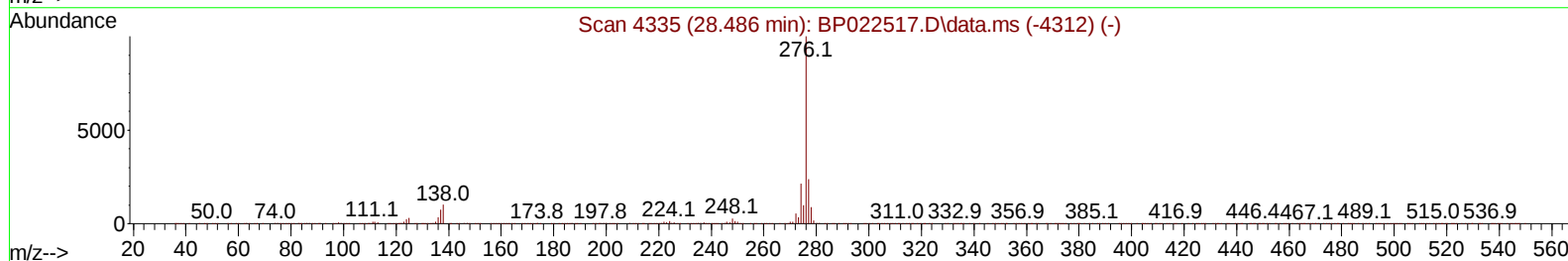
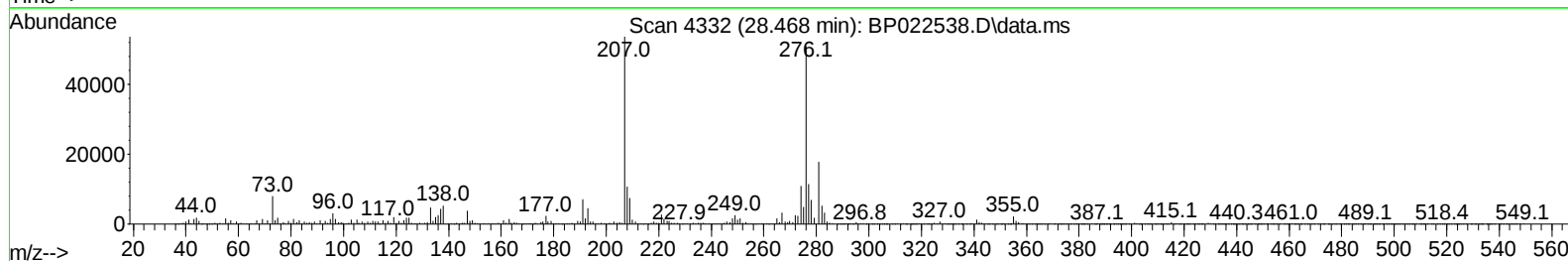
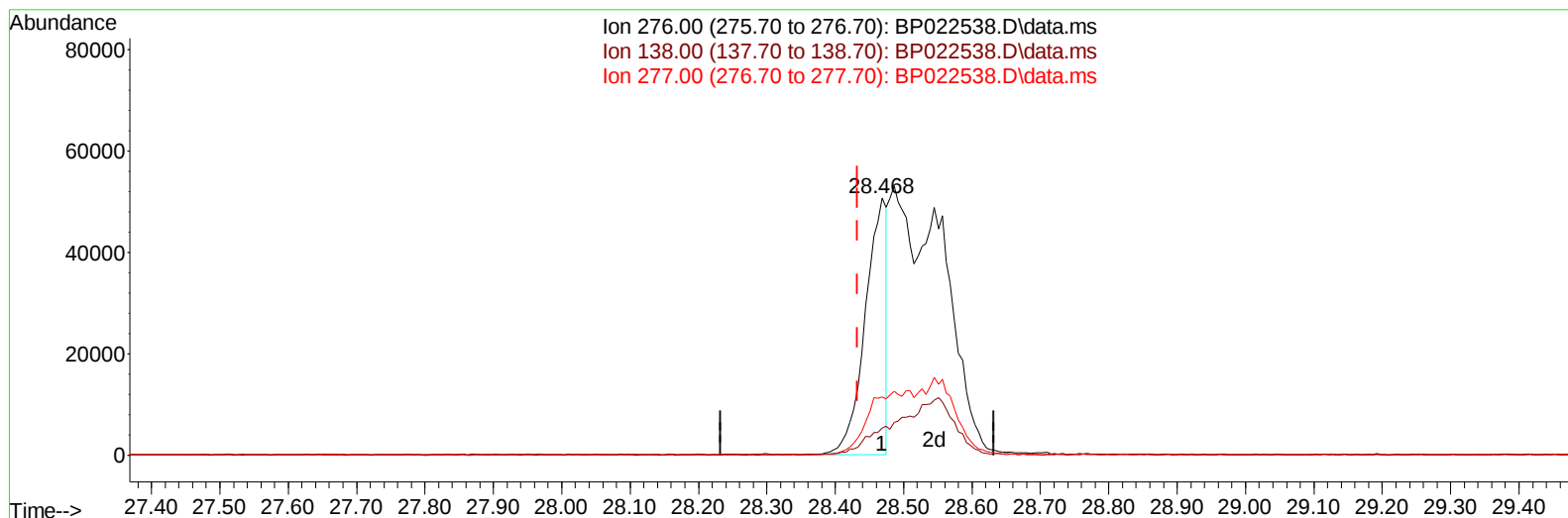
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
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TIC: BP022538.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.468min (+ 0.036) 1.65 ng/u1

response 110917

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.49
277.00	23.20	22.64
0.00	0.00	0.00

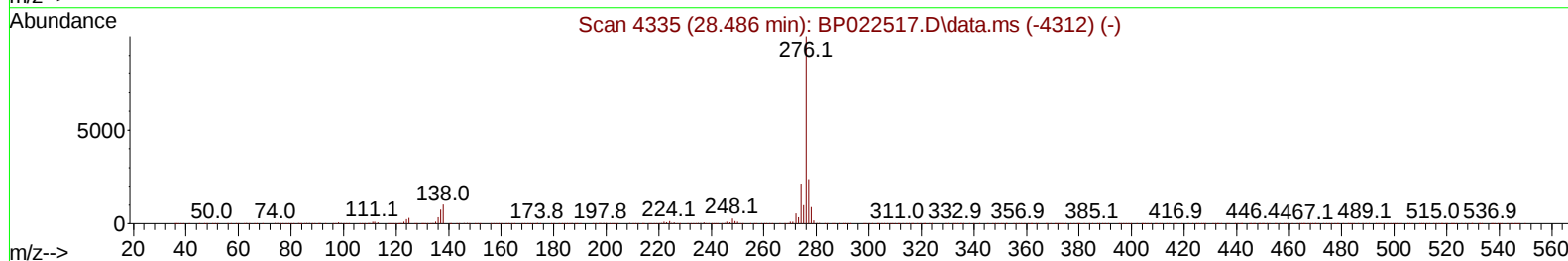
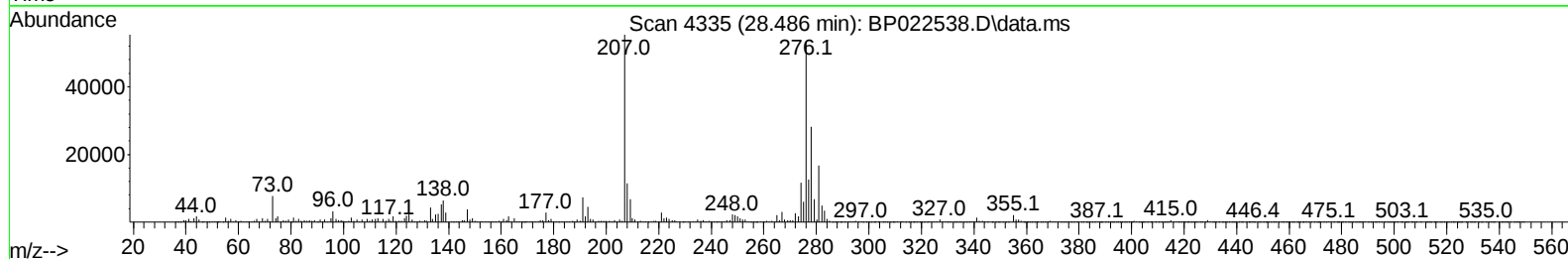
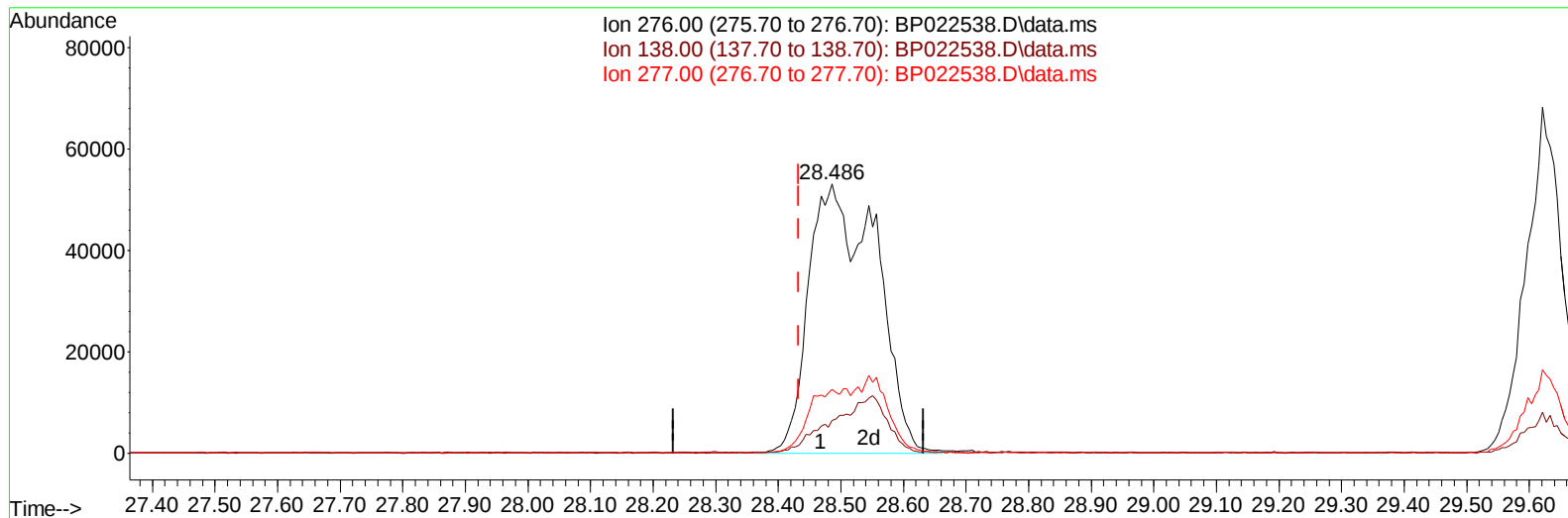
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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TIC: BP022538.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.486min (+ 0.053) 5.92 ng/u1 m

response 398611

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	12.16
277.00	23.20	23.82
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	94157m	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.393	136	356623	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.269	164	285795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	697426	20.000	ng/ul	-0.02
79) Chrysene-d12	21.504	240	729887	20.000	ng/ul	0.00
88) Perylene-d12	24.774	264	870944	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	1413	0.583	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.822	99	30341	3.828	ng/ul	-0.03
9) Bis-(2-Chloroethyl)eth...	6.969	67	18593	3.991	ng/ul	-0.03
11) 2-Chlorophenol-d4	7.175	132	22835	4.060	ng/ul	-0.03
15) 4-Methylphenol-d8	8.334	113	23921m	3.782	ng/ul	-0.03
21) Nitrobenzene-d5	8.769	128	11782	4.297	ng/ul	-0.03
24) 2-Nitrophenol-d4	9.487	143	12563	3.957	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.028	165	33437	4.956	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.534	131	20218	2.536	ng/ul	-0.02
46) Dimethylphthalate-d6	13.663	166	111621	4.916	ng/ul	-0.02
49) Acenaphthylene-d8	13.957	160	115038	4.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	14191	3.725	ng/ul	0.00
60) Fluorene-d10	15.275	176	102841	5.222	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.398	200	9451	2.060	ng/ul	-0.02
73) Anthracene-d10	17.169	188	178505	5.441	ng/ul	0.00
81) Pyrene-d10	19.551	212	226413	5.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.557	264	253114	5.442	ng/ul	0.03
Target Compounds						
					Qvalue	
8) Phenol	6.846	94	48763	5.913	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.064	93	226718	36.737	ng/ul	98
12) 2-Chlorophenol	7.205	128	92837	15.964	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.422	70	178261	33.694	ng/ul	95
19) Hexachloroethane	8.687	117	62237	22.979	ng/ul	94
22) Nitrobenzene	8.810	77	55771	6.814	ng/ul	100
23) Isophorone	9.328	82	428505	29.199	ng/ul	100
25) 2-Nitrophenol	9.516	139	27337	7.990	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.805	93	281642	33.800	ng/ul	98
29) 2,4-Dichlorophenol	10.057	162	126540	19.044	ng/ul	98
33) Hexachlorobutadiene	10.722	225	150319	26.842	ng/ul	98
35) 4-Chloro-3-methylphenol	11.693	107	57142	7.882	ng/ul	100
36) 2-Methylnaphthalene	12.063	142	143512	10.293	ng/ul	94
41) 2,4,6-Trichlorophenol	12.675	196	212162	31.918	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	50258	7.101	ng/ul	97
48) 2,6-Dinitrotoluene	13.840	165	199389	46.589	ng/ul	96
50) Acenaphthylene	13.987	152	92436	3.693	ng/ul	97
52) Acenaphthene	14.328	153	396467	22.400	ng/ul	98
55) 4-Nitrophenol	14.522	109	52940	12.521	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	199042	29.929	ng/ul	93
61) Fluorene	15.334	166	738213	34.077	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	136563	11.024	ng/ul	98
68) 4-Bromophenyl-phenylether	16.240	248	68482	8.143	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.363	284	468140	45.221	ng/ul	99
71) Pentachlorophenol	16.722	266	266562	40.046	ng/ul	96
72) Phenanthrene	17.104	178	327722	8.783	ng/ul	99
74) Anthracene	17.204	178	317401	8.524	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1206851	33.104	ng/ul	99
80) Fluoranthene	19.210	202	1462557	32.961	ng/ul	98
82) Pyrene	19.581	202	648930	13.645	ng/ul	99
83) Butylbenzylphthalate	20.533	149	134536	8.125	ng/ul	96
85) Benzo(a)anthracene	21.480	228	1256453	24.556	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	846995	35.637	ng/ul	99
87) Chrysene	21.545	228	1817692	38.312	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1832549	33.427	ng/ul#	99
93) Benzo(a)pyrene	24.627	252	372992	7.392	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.486	276	398611m	5.920	ng/ul	
95) Dibenzo(a,h)anthracene	28.557	278	826285	15.155	ng/ul#	98
96) Benzo(g,h,i)perylene	29.621	276	277376	5.296	ng/ul	99

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

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